PB83-242537

Maps Depicting Nonattainment Areas Pursuant to Section 107 of the Clean Air Act - 1983

Engineering-Science, Inc., Durham, NC

Prepared for

Environmental Protection Agency
Research Triangle Park, NC

Feb 83

U.S. Department of Commerce
National Technical Information Service
NTIS

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This report is a detailed mapping of the United States Depicting those areas not attaining the National Ambient Air Quality Standards for carbon monoxide, nitrogen dioxide, ozone, sulfur dioxide and total suspended particulates. It includes non-attainment area maps and supporting lists from Federal Register publications for final actions through February 1, 1983.

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Office of Air Quality
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Research Triangle Park NC 27711

EPA-450/2-83-004
February 1983

Air

EPA

Maps Depicting Nonattainment Areas Pursuant to Section 107 of the Clean Air Act - 1983

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SPRINGFIELD, VA. 22161

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Acknowledgements

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EPA-450/2-83-004

Maps Depicting Nonattainment Areas Pursuant to Section 107 of the Clean Air Act - 1983

by
George Duggan
Johnnie Pearson
Willis Beal

Control Program Development Division
Office of Air Quality Planning and Standards
Control Programs Operations Branch
Research Triangle Park, N.C. 27711

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air, Noise, and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

February 1983

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Publication No. EPA-450/2-83-004

PREFACE

In 1971, the Environmental Protection Agency (EPA) set national ambient air quality standards (NAAQS) for five pollutants considered to be most dangerous to human health and welfare. These pollutants and their numerical standard values are identified in the following table.

SUMMARY OF NATIONAL AMBIENT AIR QUALITY STANDARDS

Pollutant	Averaging Time	Primary Standards	Secondary Standards
Particulate Matter (TSP)	Annual (Geometric Mean)	75 ug/m^3	----
	24-hour	260 ug/m^3	150 ug/m^3
Sulfur Dioxide (SO_2)	Annual (Arithmetic Mean)	80 ug/m^3 (0.03 ppm)	----
	24-hour	365 ug/m^3 (0.04 ppm)	----
	3-hour		1,300 ug/m^3 (0.5 ppm)
Carbon Monoxide (CO)	8-hour	10 ug/m^3 (9 ppm)	Same as primary
	1-hour	40 ug/m^3 (35 ppm)	Same as primary
Nitrogen Dioxide (NO_2)	Annual (Arithmetic Mean)	100 ug/m^3 (0.05 ppm)	Same as primary
Ozone	1-1 hour	243 ug/m^3 (0.12 ppm)	Same as primary

In 1972, States were required to submit to EPA State Implementation Plans (SIP's) containing control measures to meet these primary and secondary standards by mid-1975 or mid-1977. Generally, the long-term SIP progress for meeting these standards was positive. However, because of the complex nature of many air quality problems, some areas of the country still did not attain the NAAQS.

In recognition of this fact, in August 1977 Congress amended the Clean Air Act. Section 107(d) directed each State to submit to the Administrator of EPA a list describing the NAAQS attainment status of all areas within the State. These State submittals were initially reviewed and promulgated by EPA on March 3, 1978. In cases where EPA and a State could not reach agreement, an EPA designation replaced the State submitted designation. Also, in cases where a State failed to submit designations, EPA promulgated appropriate designations. Under Section 107(d)(5) of the Clean Air Act, a State may revise its designation and submit these to EPA for promulgation. Current EPA criteria for processing redesignations were summarized in an April 21, 1983 memorandum from Sheldon Meyers, Director, Office of Air Quality Planning and Standards (see Appendix).

For those areas designated as nonattainment for one or more pollutants, States were required to develop additional control programs and plans that, when implemented, would lead to attainment of the NAAQS by 1982 (or 1987 for areas with difficult carbon monoxide or ozone problems).

Since March 3, 1978, there have been many changes to the nonattainment designations. The maps and lists in this volume reflect the nonattainment status of the States as of February 3, 1983.

The following table identifies the number of counties, or portions thereof, designated as nonattainment as of February 3, 1983.

NONATTAINMENT AREAS IN ALL OR PART OF THE COUNTIES IN THE U.S.

	Total Number of Counties or County Equivalents with Nonattainment Areas - February 3, 1983
Carbon Monoxide	151
Nitrogen Dioxide	11
Ozone	471
Sulfur Dioxide	69
Total Suspended Particulates	345
Total Areas	1,047

This report is a detailed mapping of the United States depicting those areas that are not attaining the NAAQS. Following the preface are maps for each pollutant showing all the nonattainment areas in the Continental United States. The remainder of the report is arranged in numerical order of, and color coded by, Regions I through X to show the nonattainment areas in each State for each pollutant. It includes lists of the nonattainment areas. Only actions made final on or before February 3, 1983 are included in this publication. Proposed designation changes or potential changes currently undergoing Agency review are not described in the report.

Each State's section includes a map identifying all county names and maps for each of the pollutants for which the State is classified nonattainment. This volume does not include States having no nonattainment areas of any kind. Listings of nonattainment areas for States and territories outside the Continental United States are included although maps are not.

The nonattainment area listing for each State should clarify any situations where it may be difficult to interpret the shading on the maps. In addition, the legend on the Definitions page which follows may also be clearer than some of the legends printed with the maps.

Any questions concerning the precise location or description of specific nonattainment areas should be directed to the appropriate Regional Offices as listed below.

Air Programs Branch, EPA Region I, J.F.K. Federal Building, Room 2203, Boston, Massachusetts 02203 (617)223-5134 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont).

Air Programs Branch, EPA Region II, 26 Federal Plaza, Room 1009, New York, New York 10278 (212) 264-2517 (New York, New Jersey, Puerto Rico, Virgin Islands).

Air Programs Branch, EPA Region III, Curtis Building, Sixth and Walnut Streets, Philadelphia, Pennsylvania 19106 (215) 597-8175 (Delaware, Maryland, Pennsylvania, Virginia, West Virginia, District of Columbia).

Air Programs Branch, EPA Region IV, 345 Courtland Street, N.E., Atlanta, Georgia 30365 (404) 881-4298 (Alabama, Georgia, Florida, Kentucky, Mississippi, North Carolina, Tennessee, South Carolina).

Air Programs Branch, EPA Region V, 230 South Dearborn Street, Chicago, Illinois 60604 (312) 353-2211 (Indiana, Illinois, Michigan, Minnesota, Ohio, Wisconsin).

Air Programs Branch, EPA Region VI, First International Building, 1201 Elm Street, Dallas, Texas 75270 (214) 767-2746 (Arkansas, Louisiana, Oklahoma, New Mexico, Texas).

Air Programs Branch, EPA Region VII, 324 East 11th Street, Kansas City, Missouri 64106 (816) 374-3791 (Iowa, Kansas, Missouri, Nebraska).

Air Programs Branch, EPA Region VIII, 1860 Lincoln Street, Denver, Colorado 80295 (303) 837-3471 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming).

Air Programs Branch, EPA Region IX, 215 Fremont Street, San Francisco, California 94105, (415) 974-8058 (Arizona, California, Hawaii, Nevada, Guam, American Samoa, Northern Mariana Islands).

Air Programs Branch, EPA Region X, 1200 6th Avenue, Seattle, Washington 98101 (206) 442-1941 (Alaska, Idaho, Oregon, Washington).

DEFINITIONS

Nonattainment Area - The term "nonattainment area" means for any air pollutant an area which is shown by monitored data or which is calculated by air quality modeling (or other methods determined by the Administrator to be reliable) to violate any national ambient air quality standard for such pollutant.

National Primary Ambient Air Quality Standards - National primary ambient air quality standards shall be ambient air quality standards the attainment and maintenance of which in the judgment of the Administrator, based on such criteria and allowing an adequate margin of safety, are requisite to protect the public health.

National Secondary Ambient Air Quality Standards - Any national secondary ambient air quality standard shall specify a level of air quality the attainment and maintenance of which in the judgment of the Administrator, based on such criteria, is requisite to protect the public welfare from any known or anticipated adverse effects associated with the presence of such air pollutant in the ambient air.

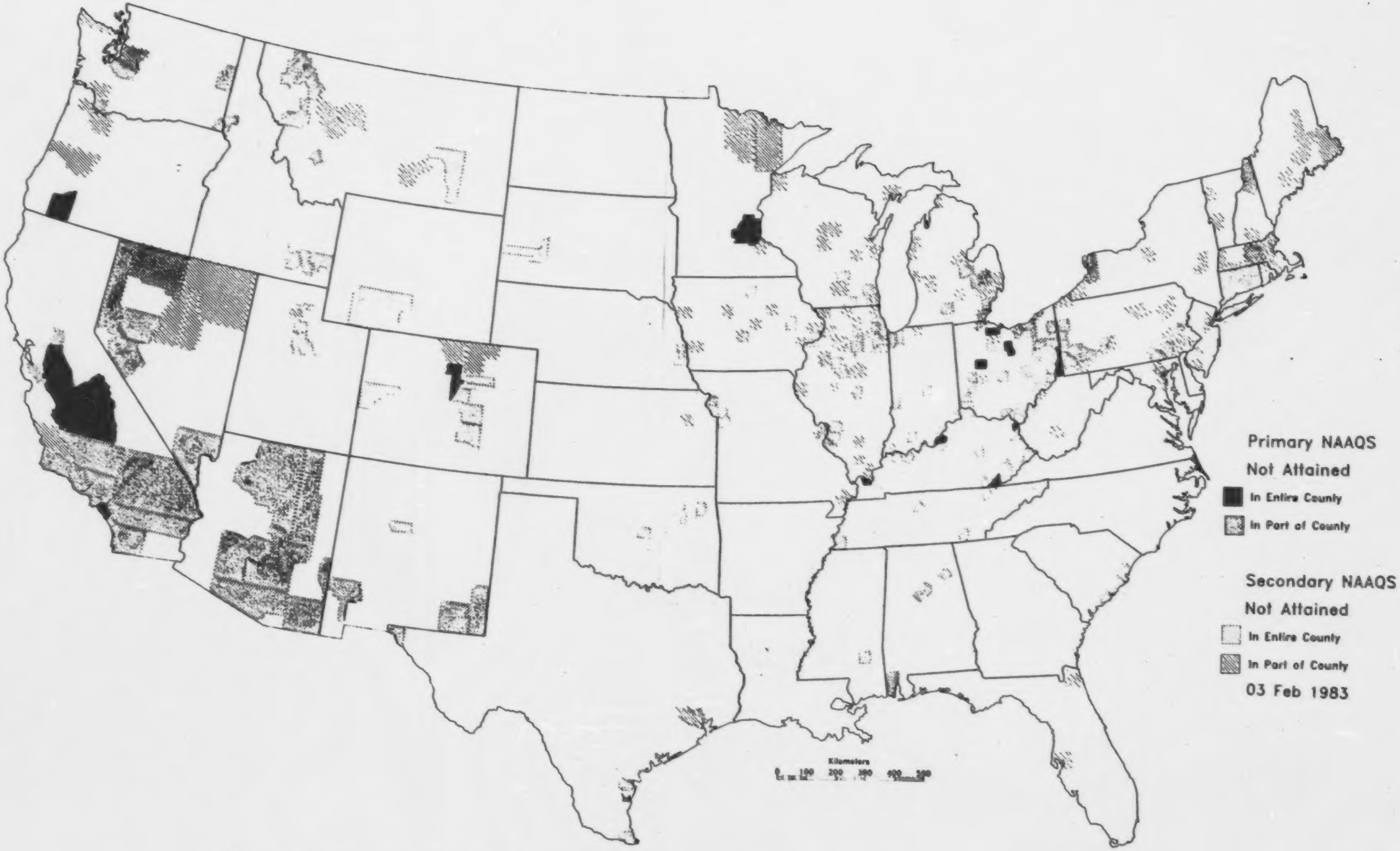
MAP LEGENDS

Primary NAAQS
Not Attained

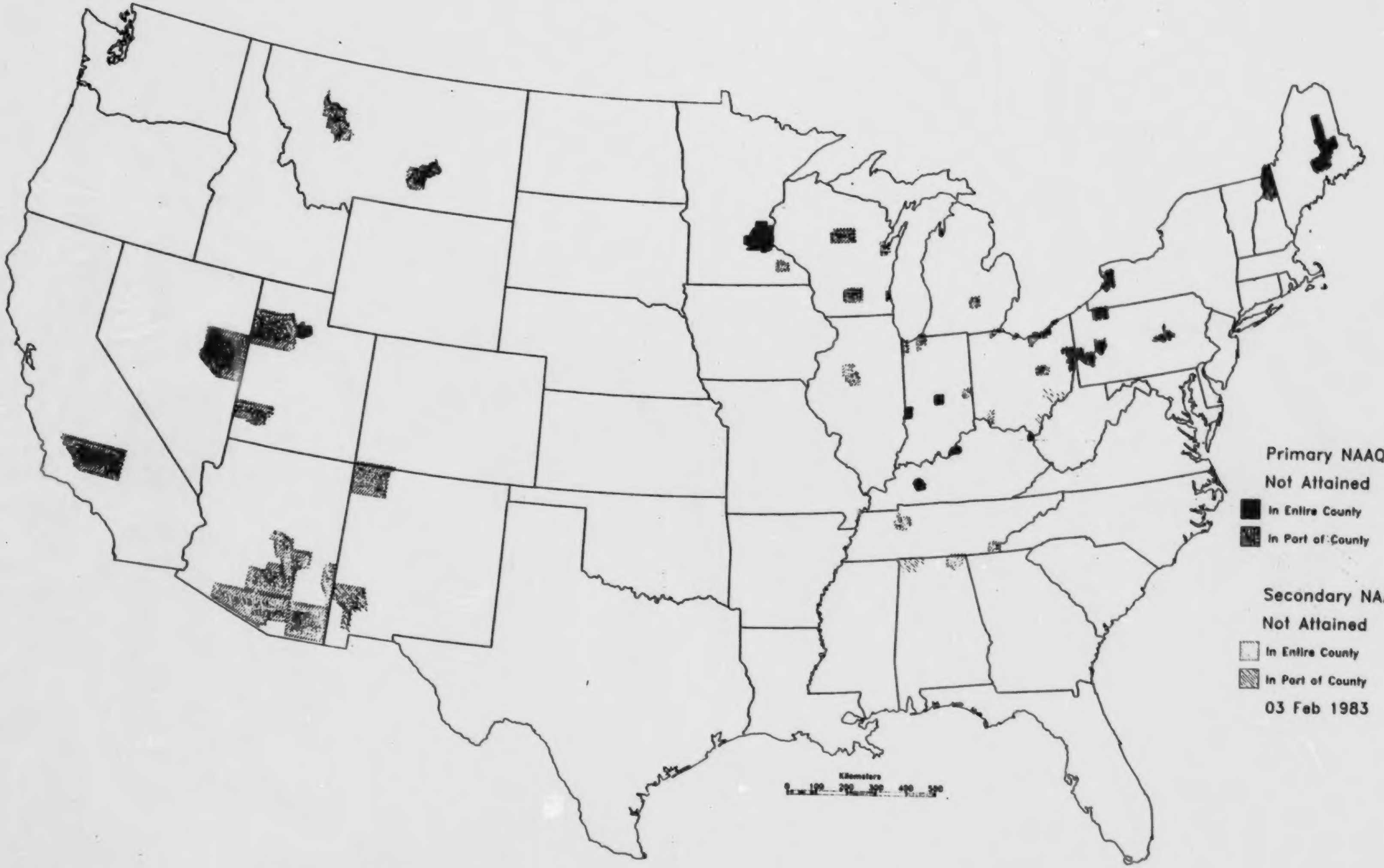
▩ In Entire County
░ In Part of County

Secondary NAAQS
Not Attained

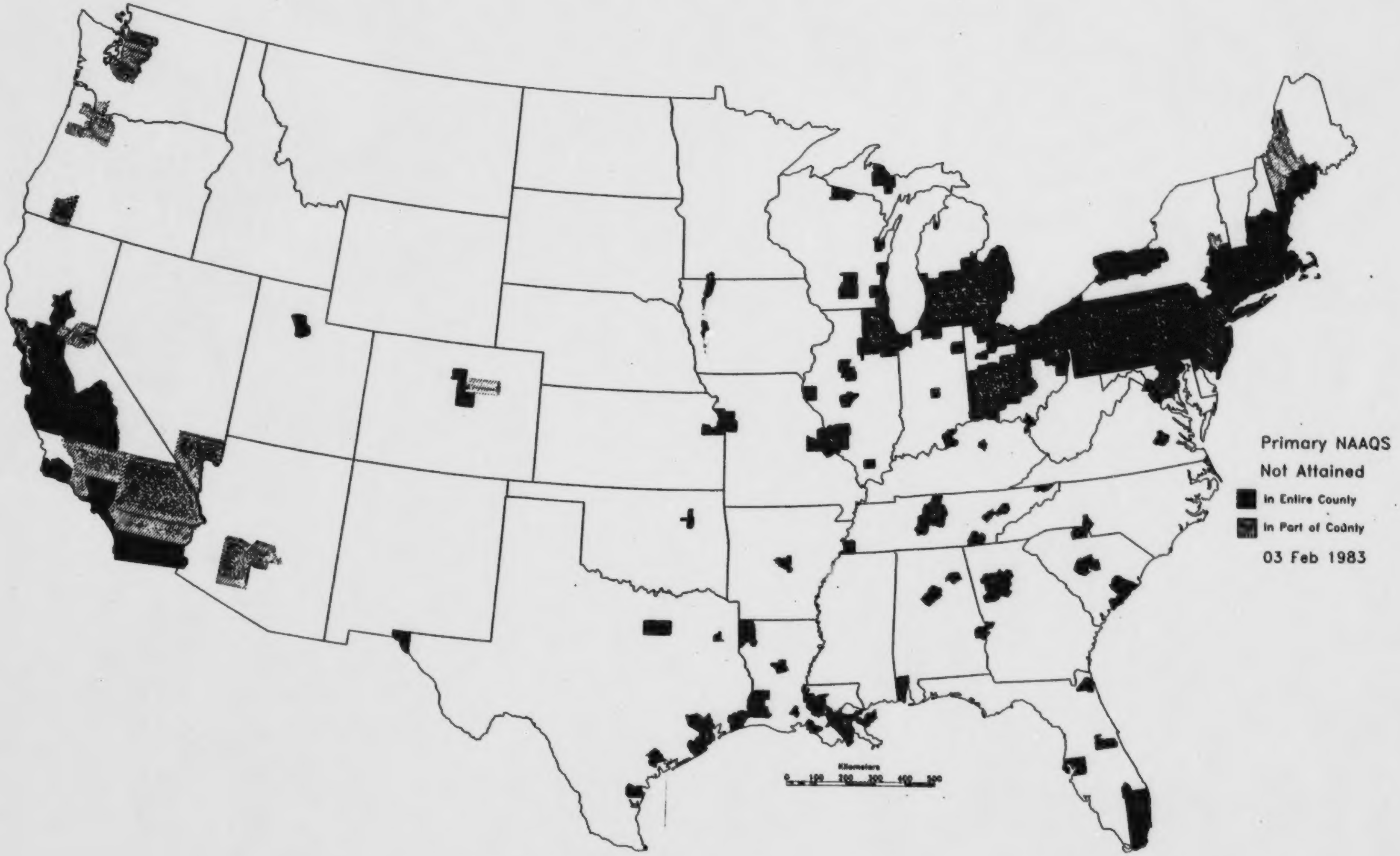
▨ In Entire County
░ In Part of County


Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
☐ In Entire County
▨ In Part of County
03 Feb 1983
Kilometers
0 100 200 300 400 500

Promulgated List of TSP Non-Attaining Counties - 1983


Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983
Kilometers
0 100 200 300 400 500

Promulgated List of S02 Non-Attaining Counties - 1983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▨ In Part of County
03 Feb 1983
Kilometers
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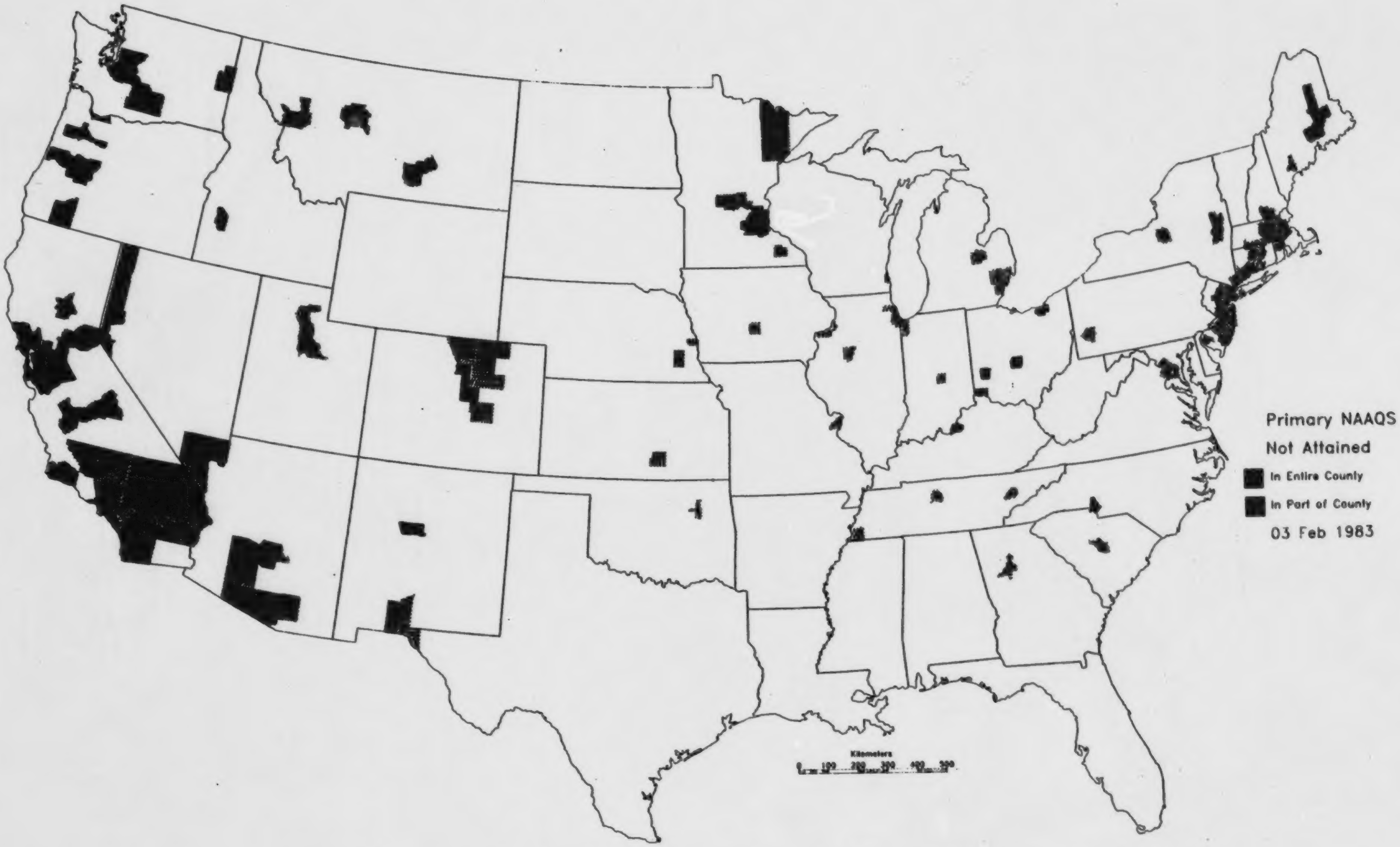
Promulgated List of O3 Non-Attaining Counties - 1983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■ In Part of County
03 Feb 1983
Kilometers
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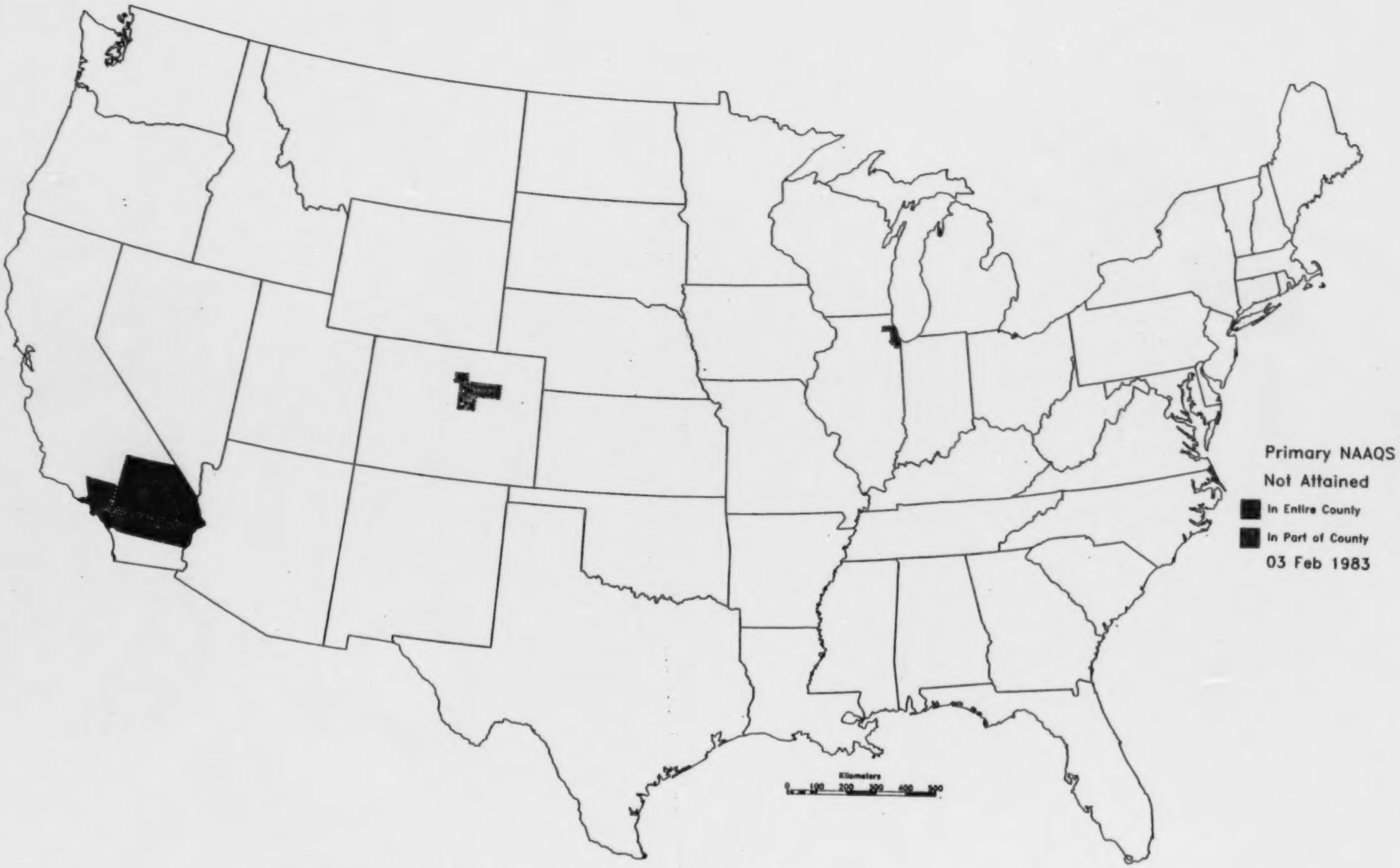
Promulgated List of CO Non-Attaining Counties - 1983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Not Attained
In Entire County
In Part of County
03 Feb 1983
Kilometers
0
100
200
300
400
500

Promulgated List of NOX Non-Attaining Counties - 1983

Region I

Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

Air Programs Branch
EPA Region I
JFK Federal Building
Room 2303
Boston, Massachusetts 02203
(617) 223-6883

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR CONNECTICUT

COUNTY	POPULATION	T S P PRIM	T S P SEC	S O 2 PRIM	S O 2 SEC	C O	NOX	O Z
Fairfield Co	807,143		W			P		W
Hartford Co	807,766		W			P		W
Litchfield Co	156,769		W					W
Middlesex Co	129,017		W			P		W
New Haven Co	761,337					W		W
New London Co	238,409		W					W
Tolland Co	114,623		W			P		W
Windham Co	92,312		W					W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MAINE

COUNTY	POPULATION	T S P PRIM	T S P SEC	S O 2 PRIM	S O 2 SEC	C O	NOX	O Z
Androscoggin Co	99,657					P		W
Cumberland Co	215,789							W
Franklin Co	27,447							P
Kennebec Co	109,689		P					W
Knox Co	32,941		P					W
Lincoln Co	25,691							W
Oxford Co	48,968							P
Penobscot Co	137,015		P	P		P		
Sagadahoc Co	28,795							W
Somerset Co	45,046							P
Waldo Co	28,414							W
Washington Co	34,963		P					
York Co	139,666							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MASSACHUSETTS

COUNTY	POPULATION	T S P PRIM	T S P SEC	S O 2 PRIM	S O 2 SEC	C O	NOX	O Z
Barnstable	147,925							W
Berkshire	145,110		P					W
Bristol	474,641		P					W
Dukes	6,942							W
Essex	633,632		P					W
Franklin	64,317							W
Hampden	443,016		P			P		W
Hampshire	138,813							W
Middlesex	1,367,034		P			P		W
Nantucket	5,087							W
Norfolk	606,587		P			P		W
Plymouth	405,437							W
Suffolk	650,142		P			P		W
Worcester	646,352	P	P			P		W

P = PART OF THE COUNTY W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NEW HAMPSHIRE

COUNTY	POPULATION	TSP		SO2		CO	NOX	O3
		PRIM	SEC	PRIM	SEC			
Belknap Co	42,884							W
Cheshire Co	62,116							W
Coos Co	35,147	P		P				
Hillsborough Co	276,608		P			P		W
Merrimack Co	98,302							W
Rockingham Co	190,345							W
Strafford Co	85,408							W
Sullivan Co	36,063							W

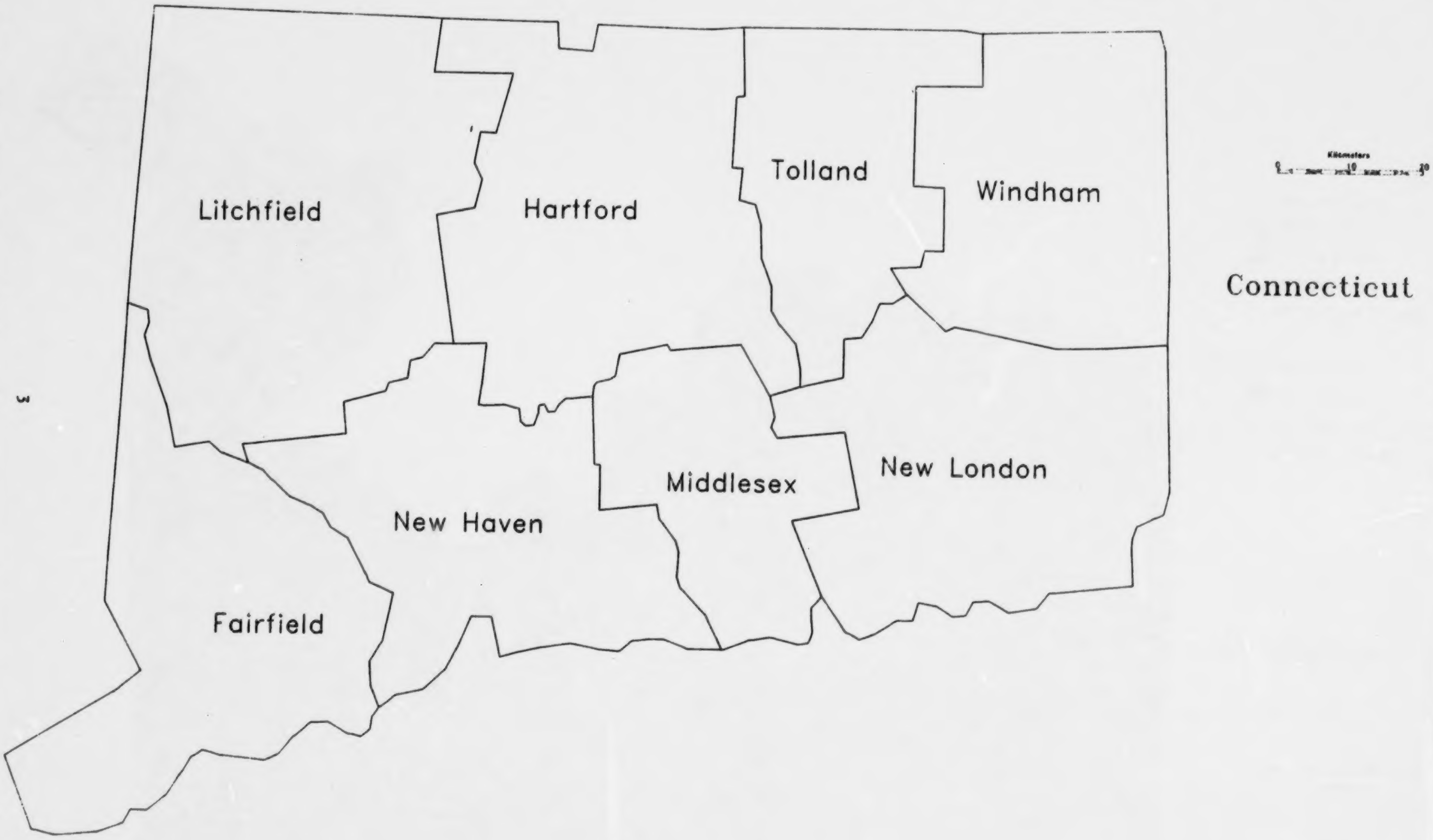
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR RHODE ISLAND

COUNTY	POPULATION	TSP		SO2		CO	NOX	O3
		PRIM	SEC	PRIM	SEC			
Bristol Co	46,942							W
Kent Co	154,163							W
Newport Co	81,383							W
Providence Co	571,349		P			P		W
Washington Co	93,317							W

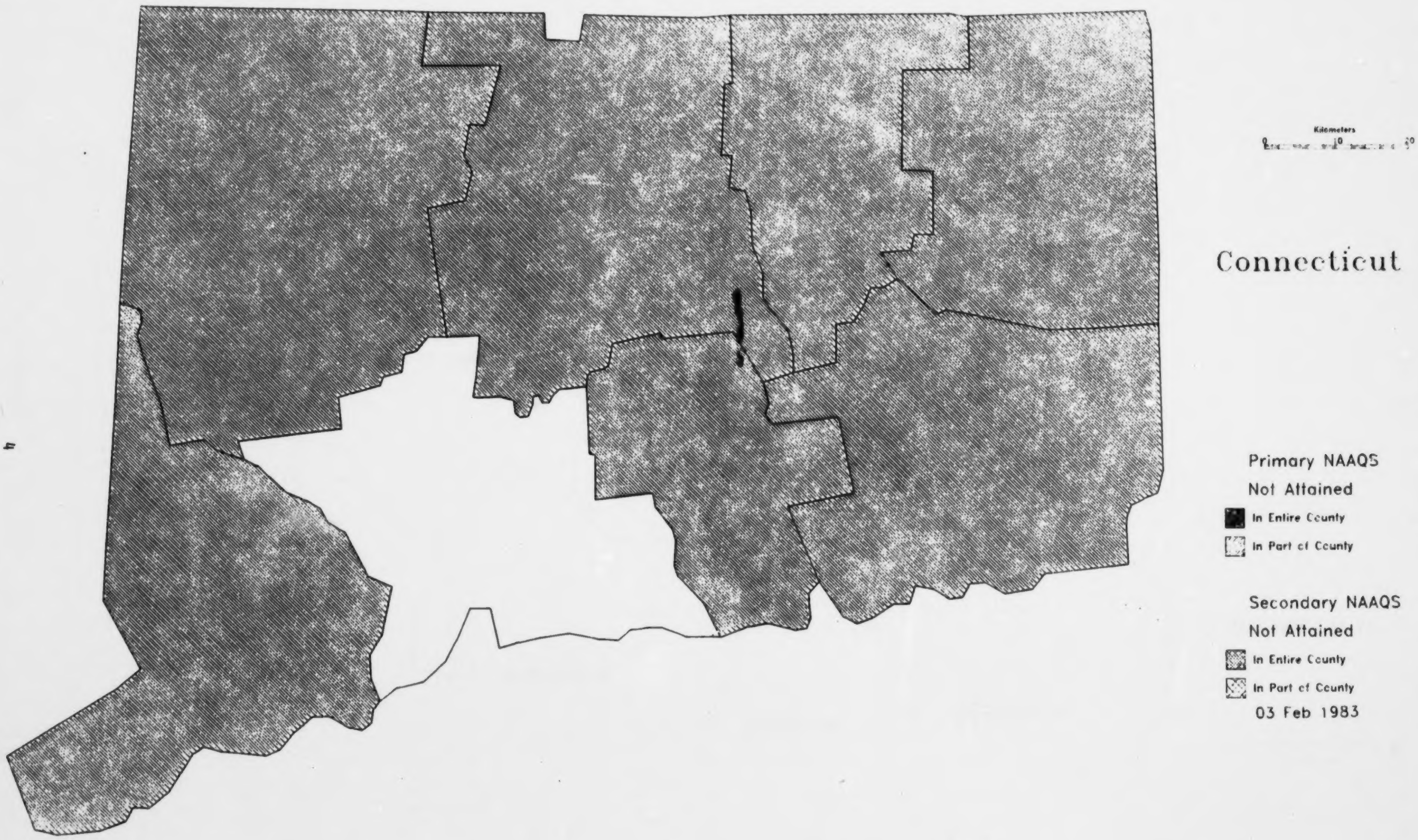
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR VERMONT

COUNTY	POPULATION	TSP		SO2		CO	NOX	O3
		PRIM	SEC	PRIM	SEC			
Chittenden Co	115,534		P					
Rutland Co	58,347		P					

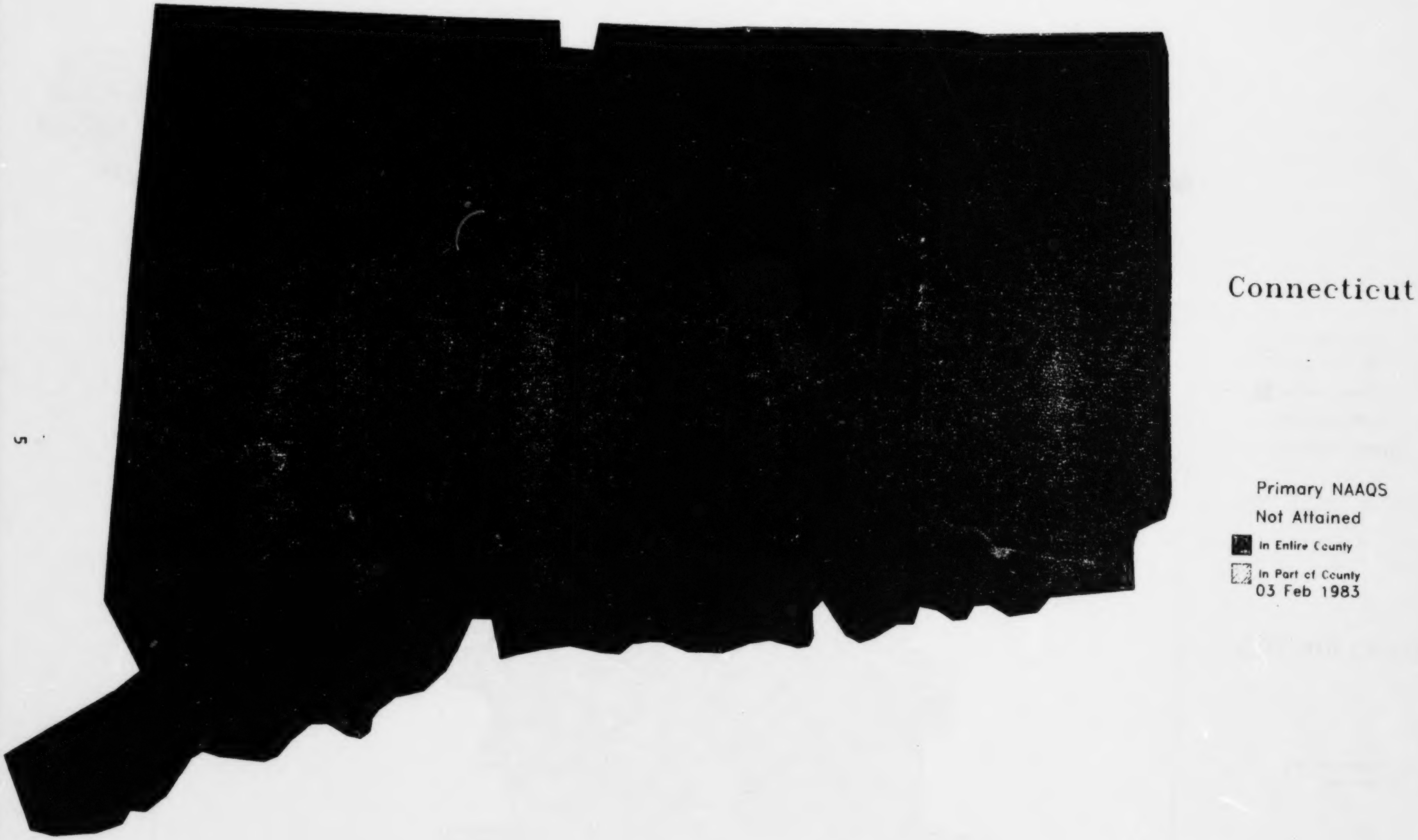
P = PART OF THE COUNTY W = THE WHOLE COUNTY


Kilometers
0
10
20
Litchfield
Hartford
Tolland
Windham
Fairfield
New Haven
Middlesex
New London

Connecticut


Kilometers
0
10
20
Connecticut
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties - 1983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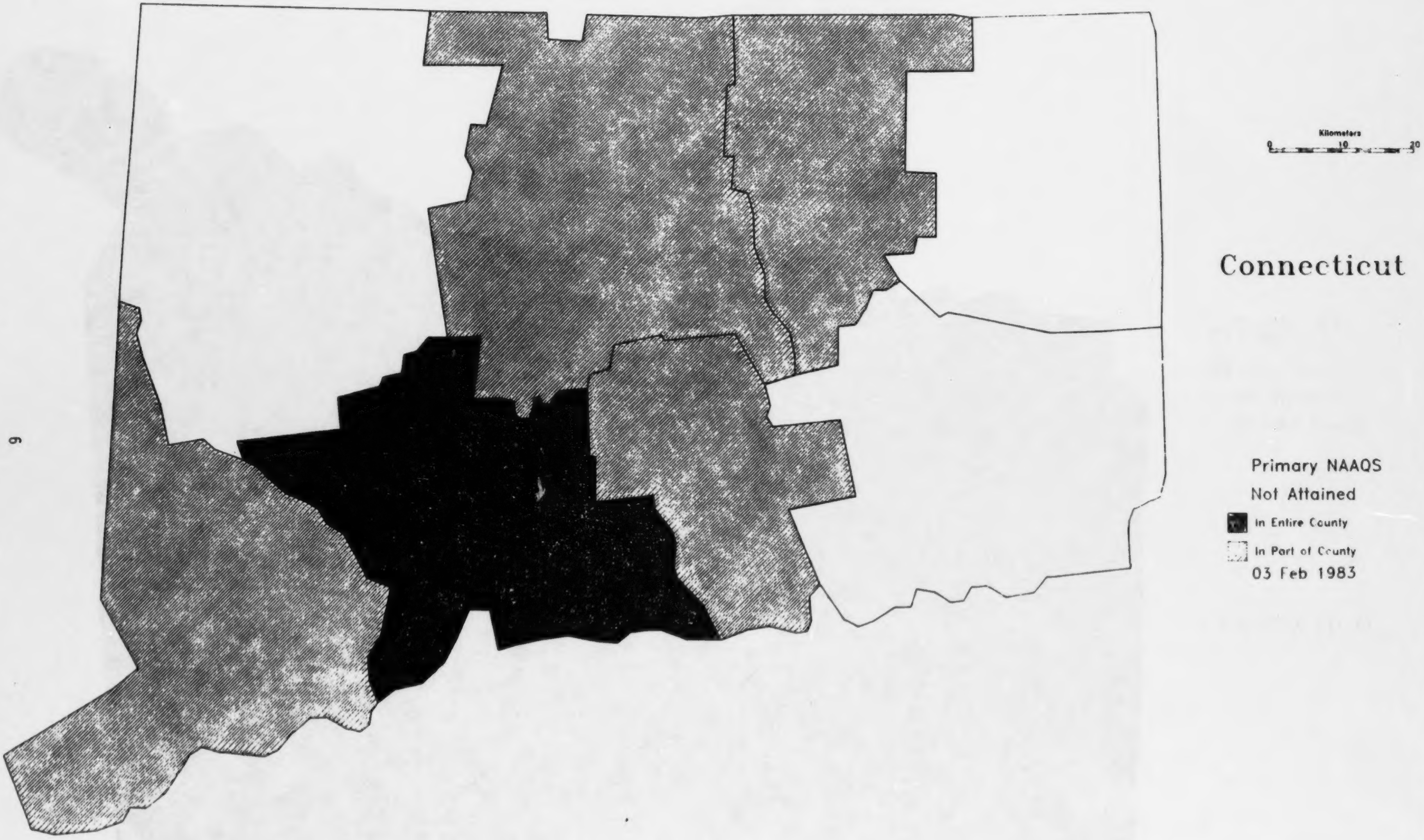
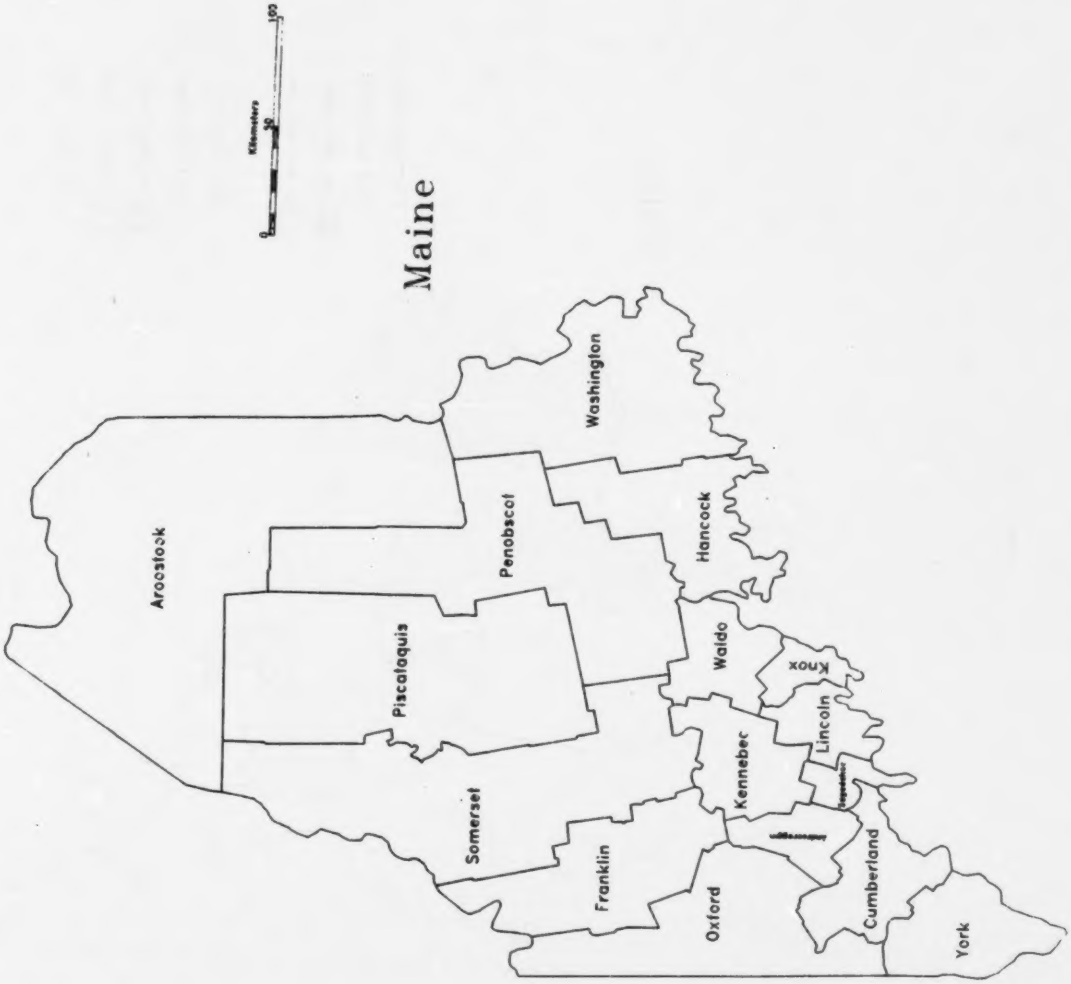
In Entire County
In Part of County
03 Feb 1983

Promulgated List of 03 Non-Attaining Counties - 1983


Kilometers
0 10 20
Connecticut
Primary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties - 1983


Maine
Kilometers
0
50
100
Aroostook
Washington
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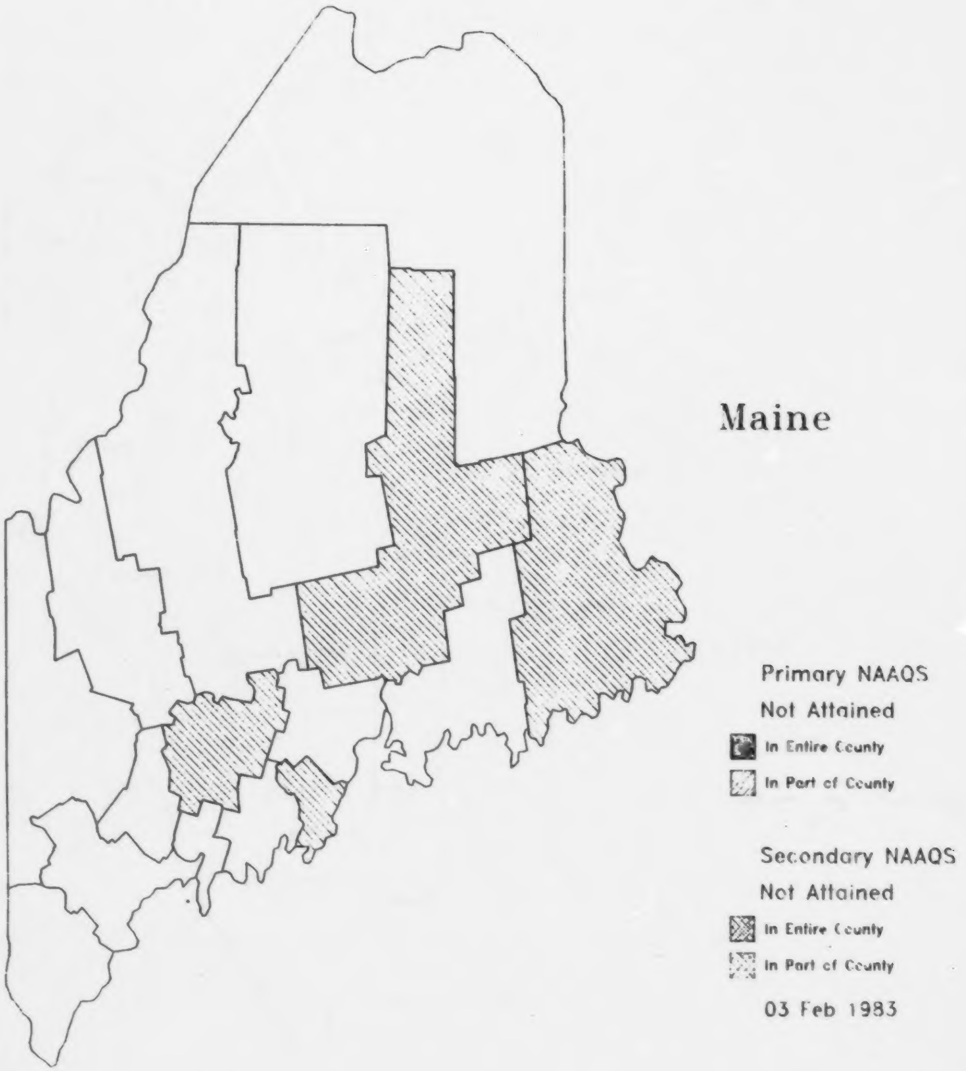
Hancock
Piscataquis
Waldo
Knox
Lincoln
Kennebec
Somerset
Franklin
Oxford
Cumberland
York


Maine
Primary NAAQS
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In Part of County
Secondary NAAQS
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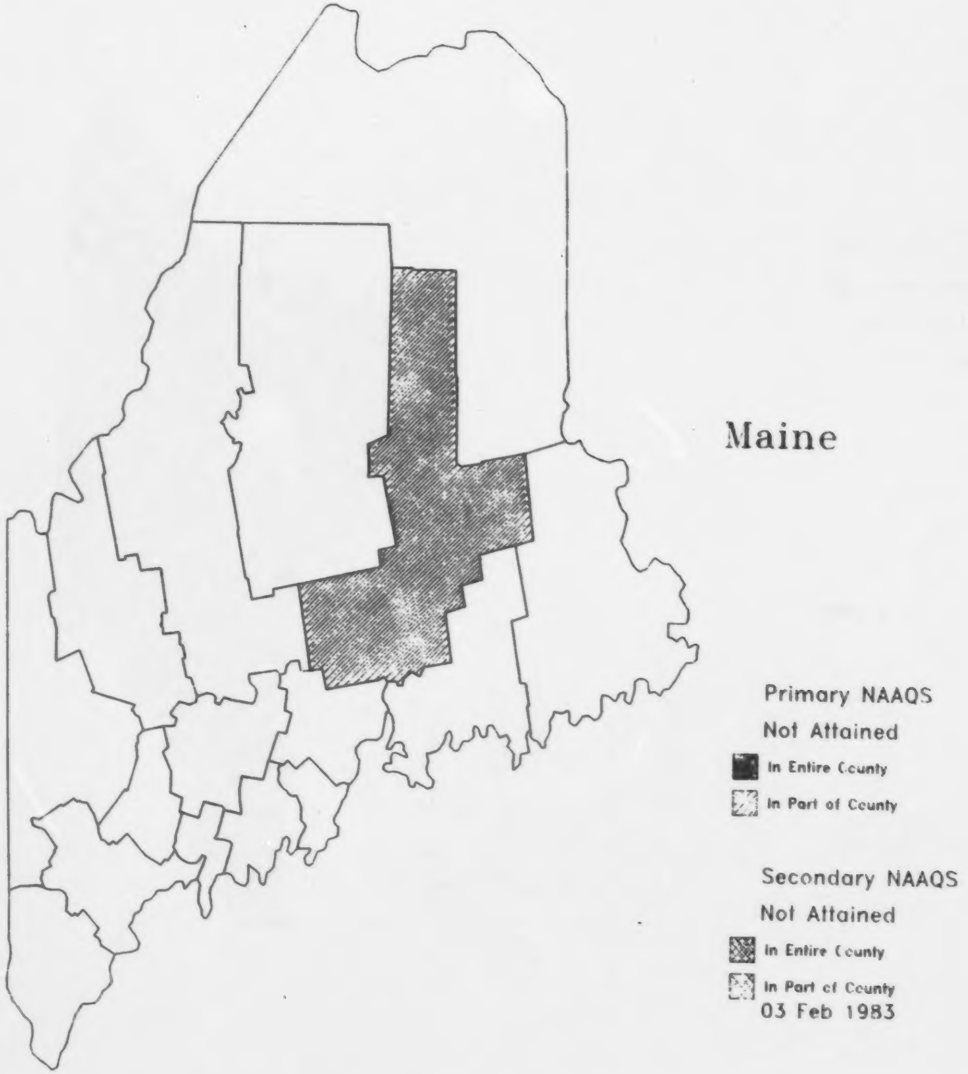
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983


Maine
Primary NAAQS
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▨ In Part of County
Secondary NAAQS
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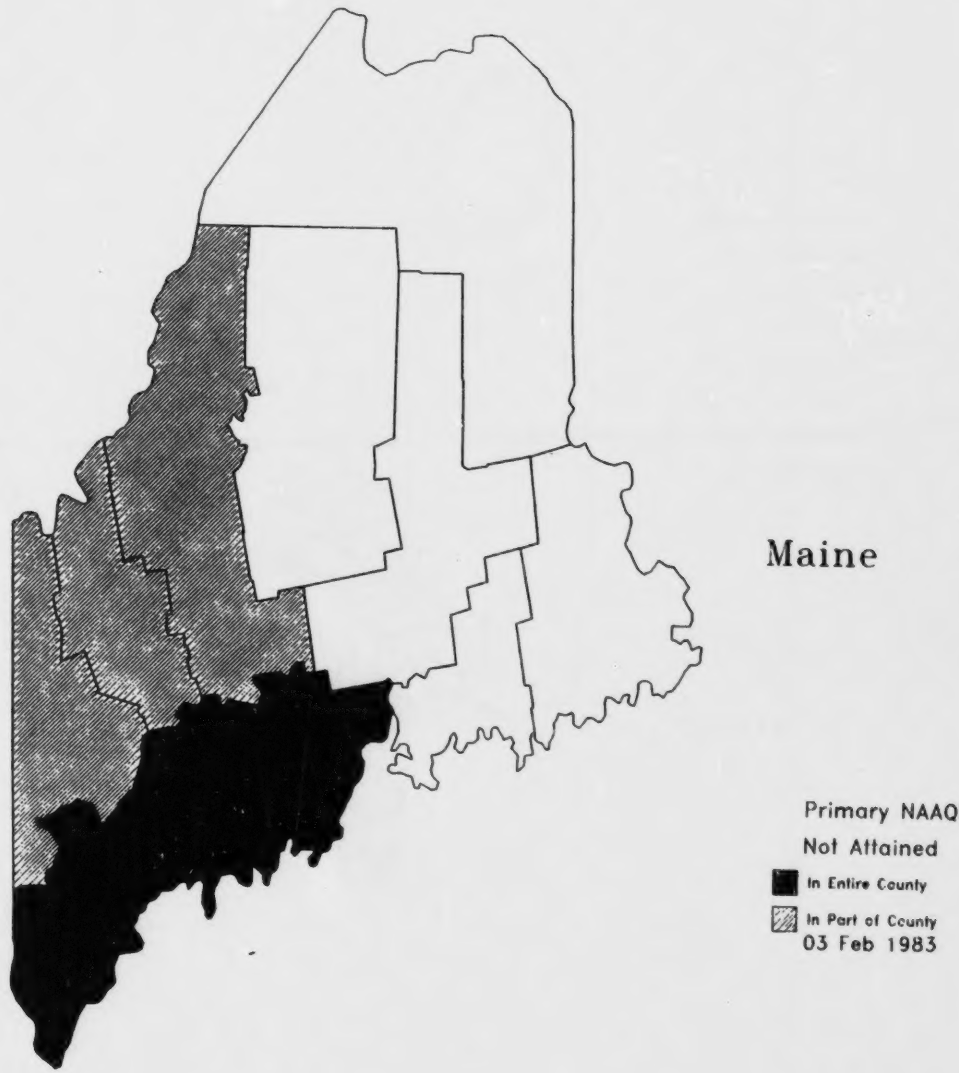
▨ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties -- 1983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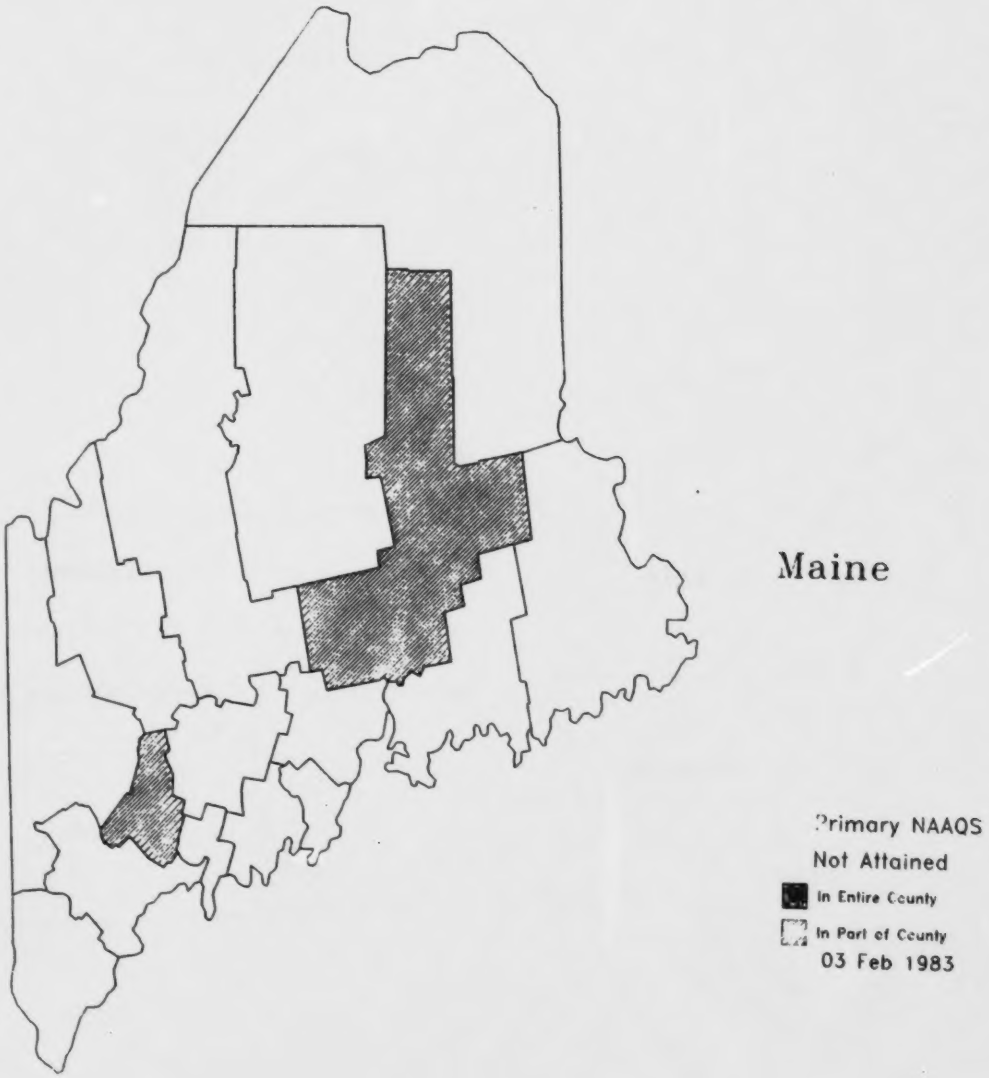
▨ In Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties -- 1983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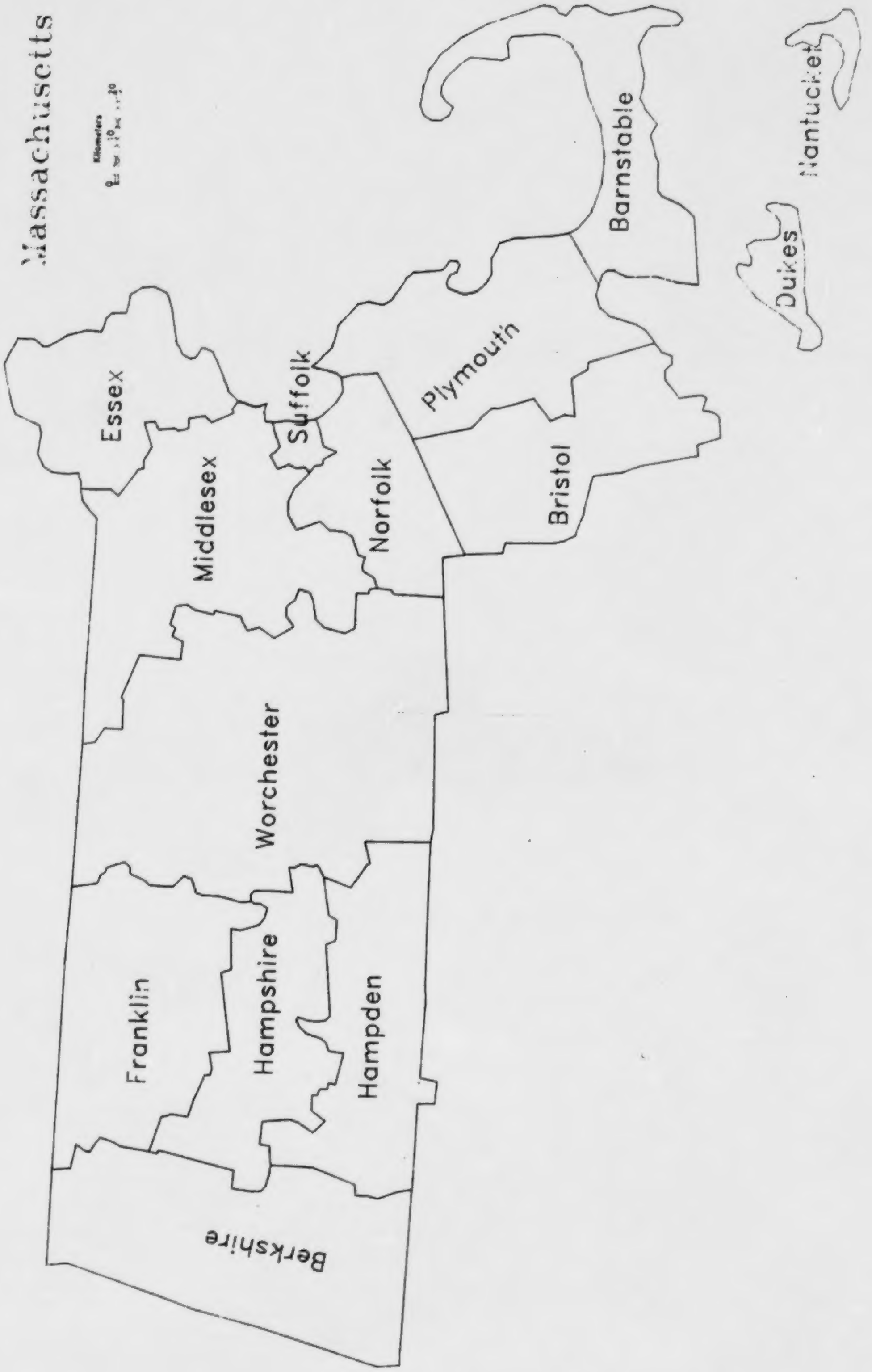
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983


Massachusetts
Kilometers
0 10 20
Essex
Suffolk
Middlesex
Norfolk
Plymouth
Bristol
Barnstable
Dukes
Nantucket
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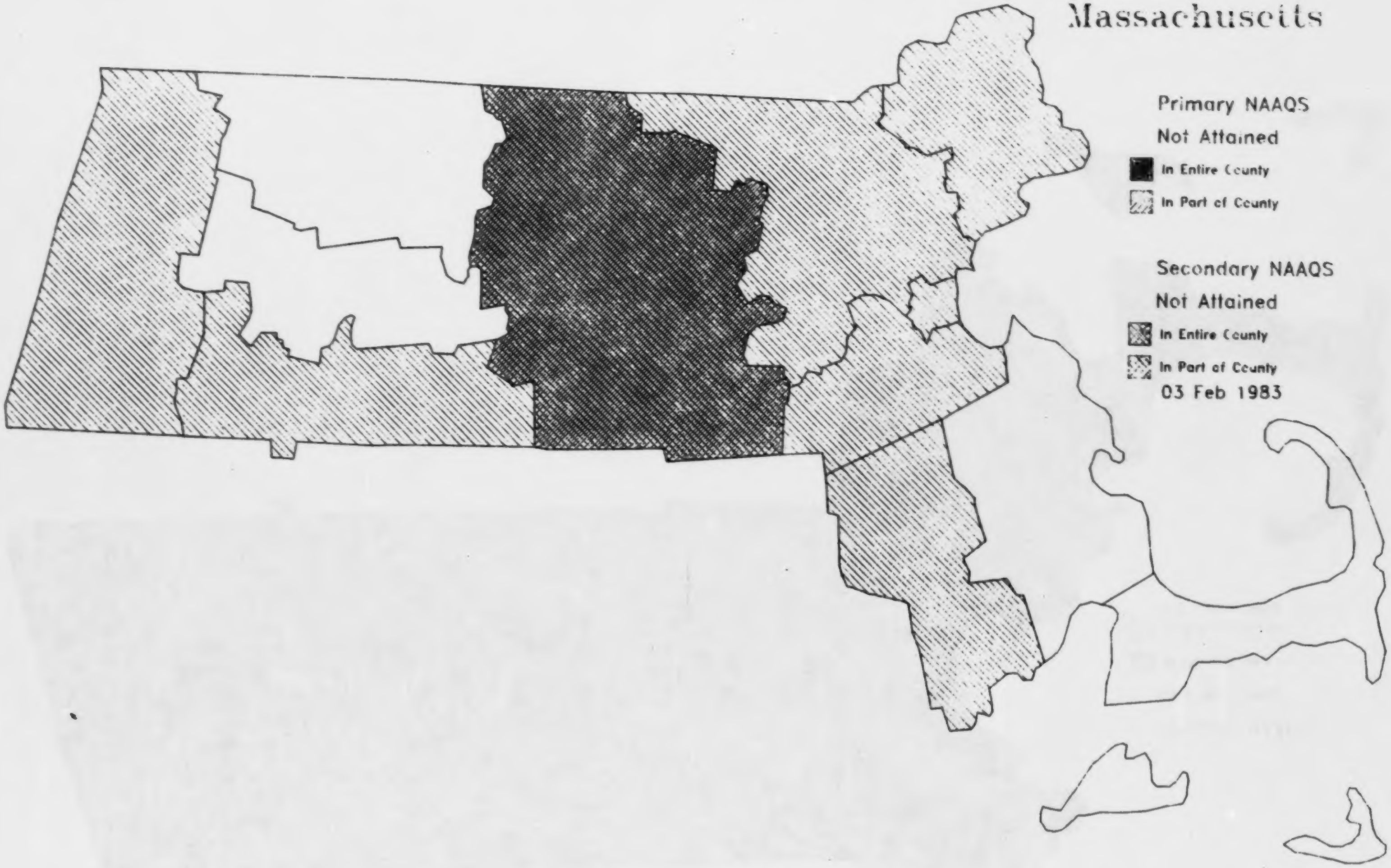
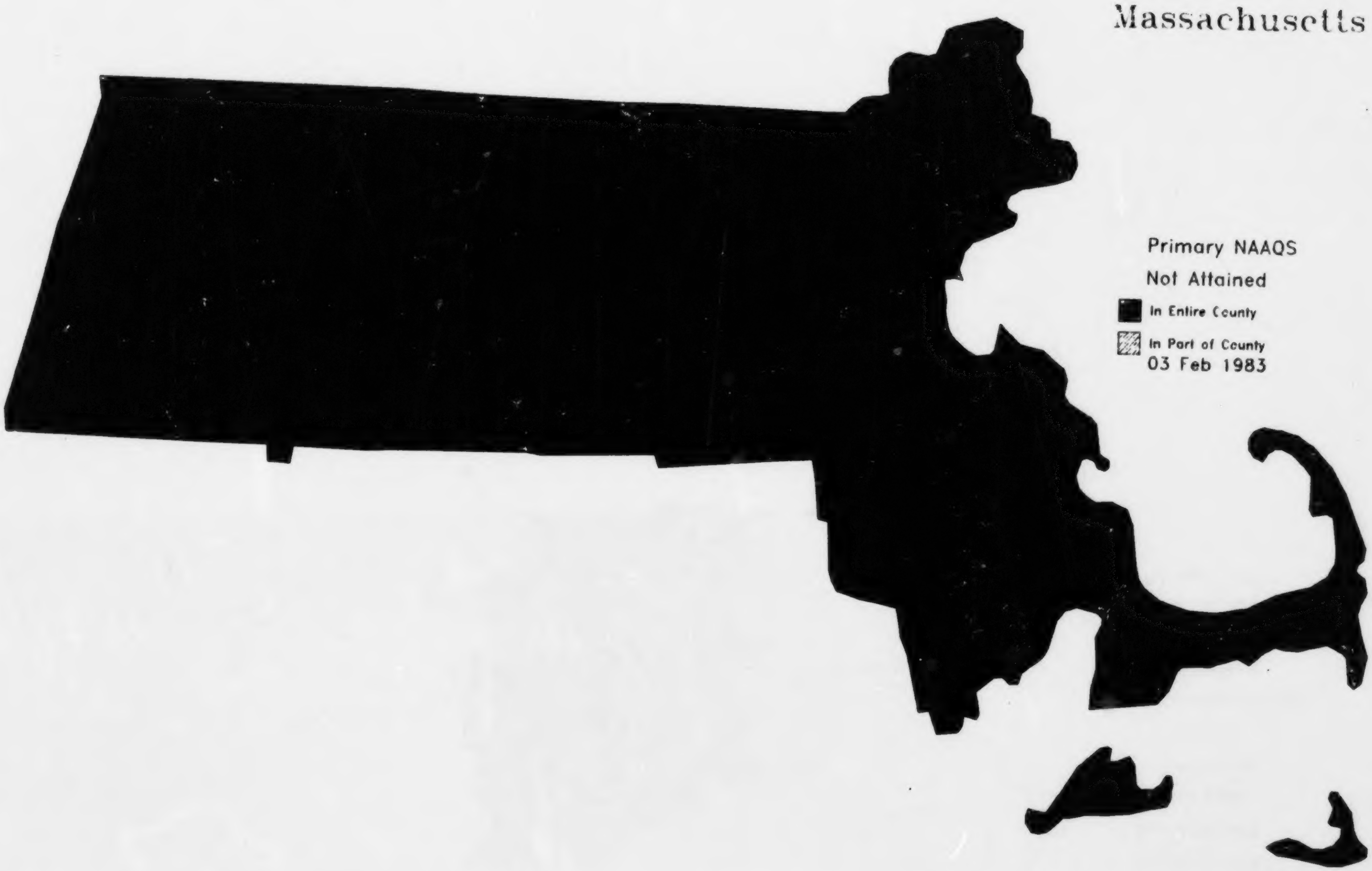
Franklin
Hampshire
Hampden
Berkshire


Massachusetts
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983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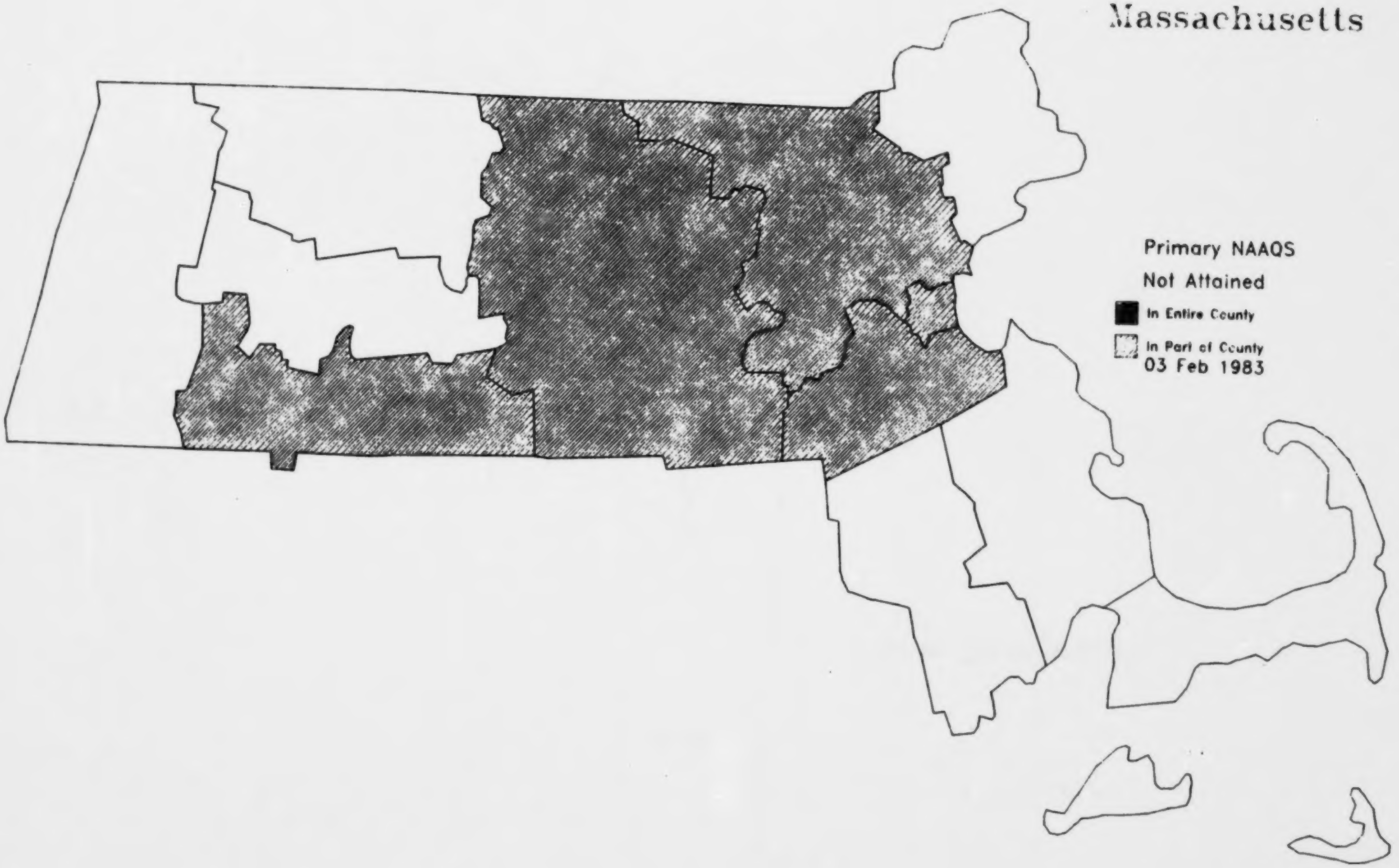
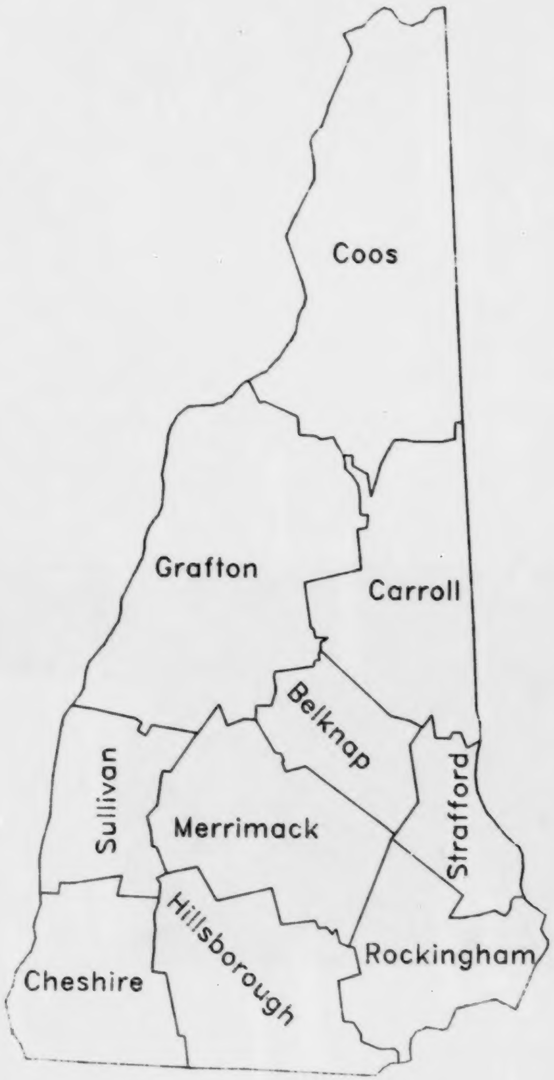
▨ In Part of County
03 Feb 1983

Promulgated List of 03 Non-Attaining Counties - 1983


Massachusetts
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties - 1983

New Hampshire


Kilometers
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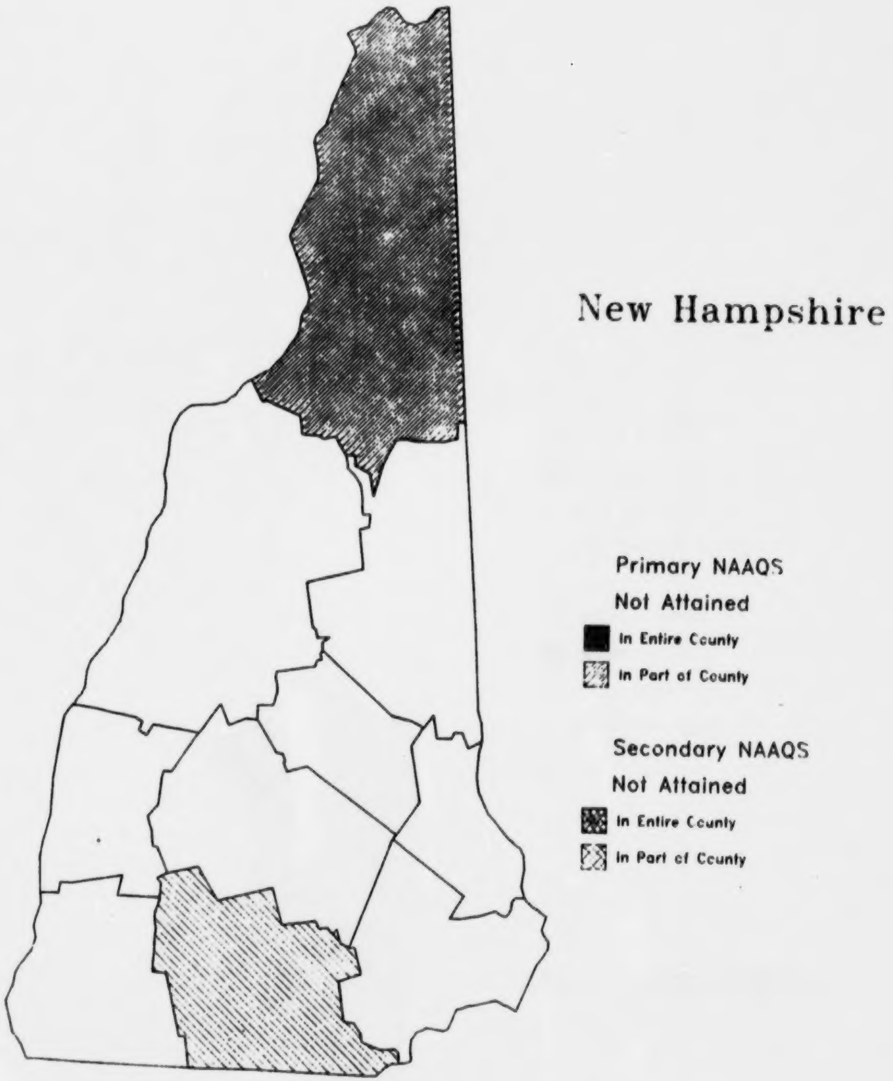
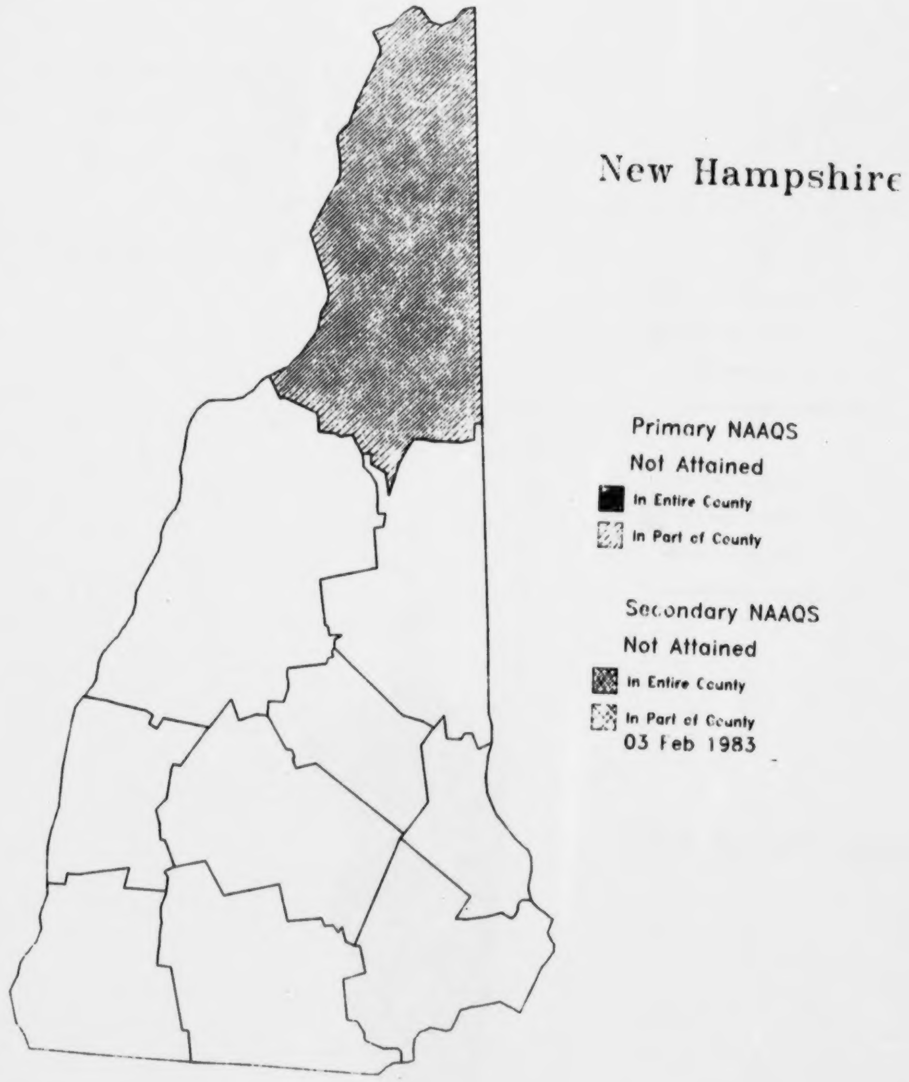
Coos
Grafton
Carroll
Belknap
Sullivan
Merrimack
Strafford
Cheshire
Hillsborough
Rockingham

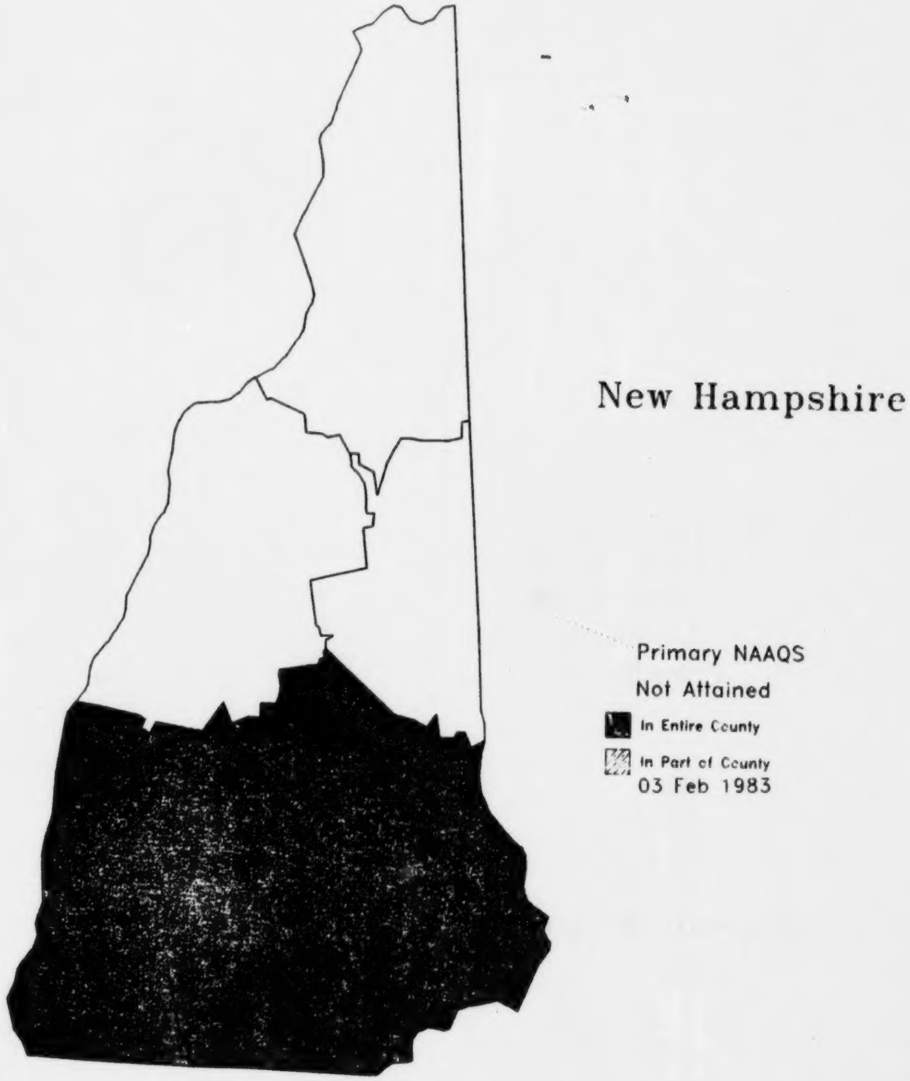

New Hampshire
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County

Promulgated List of TSP Non-Attaining Counties - 1983



New Hampshire
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties -- 1983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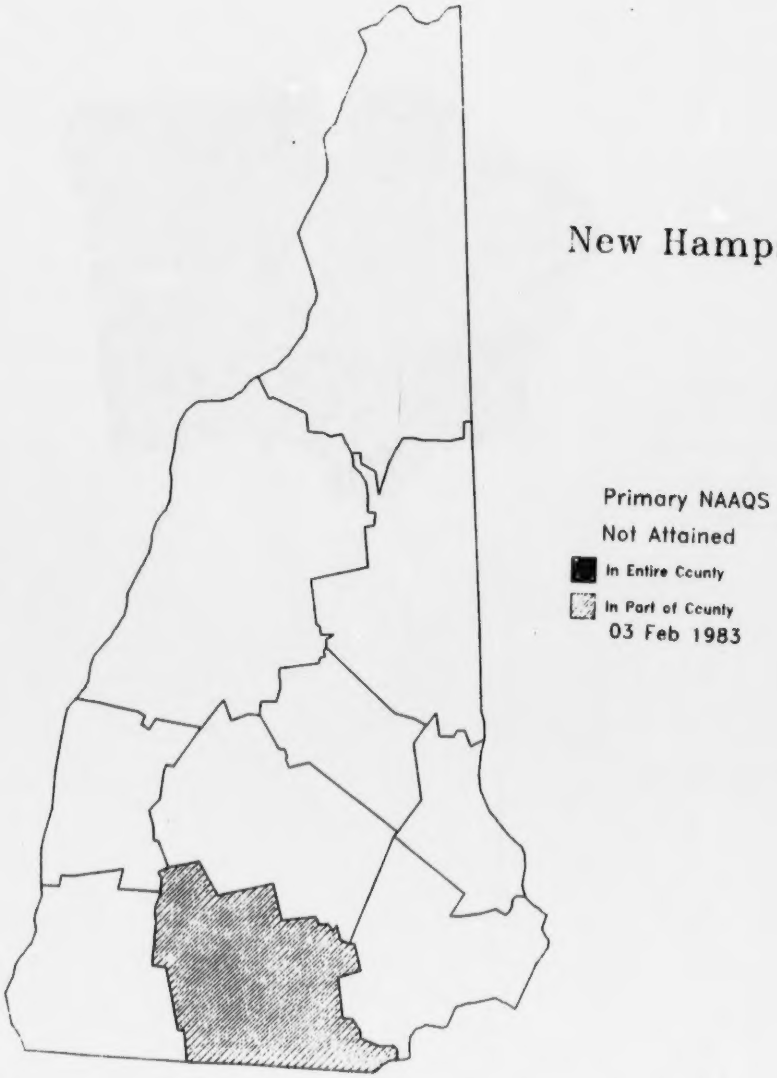
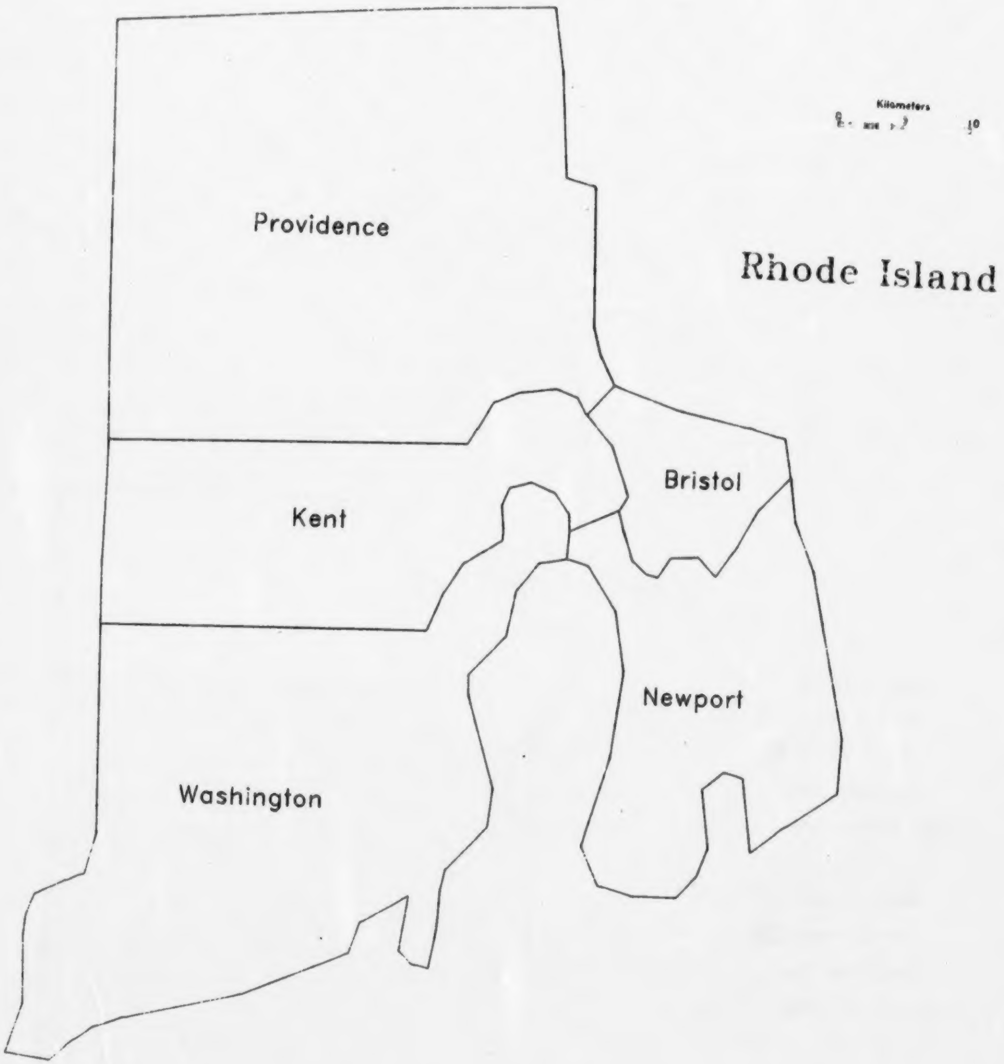
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties -- 1983

New Hampshire


Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983


Kilometers
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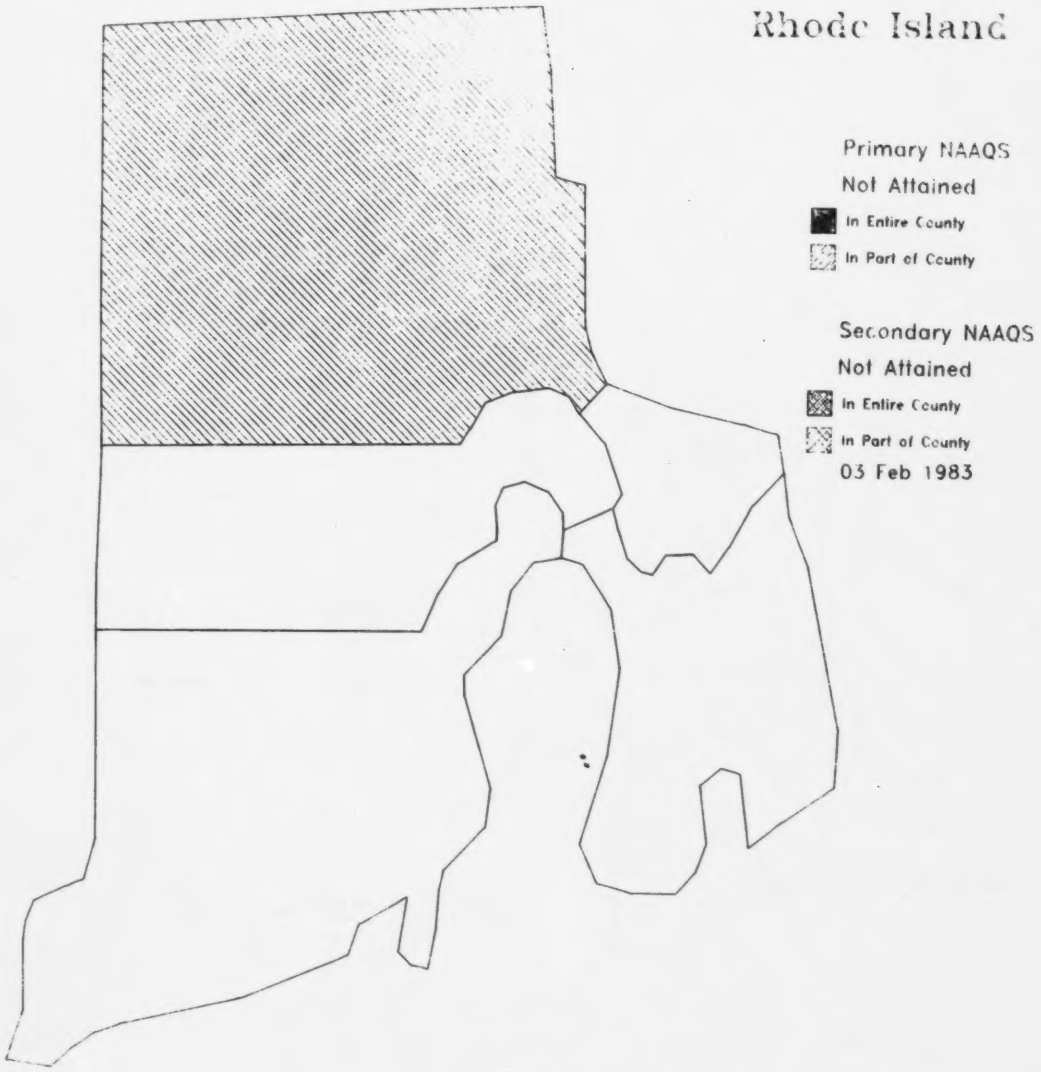
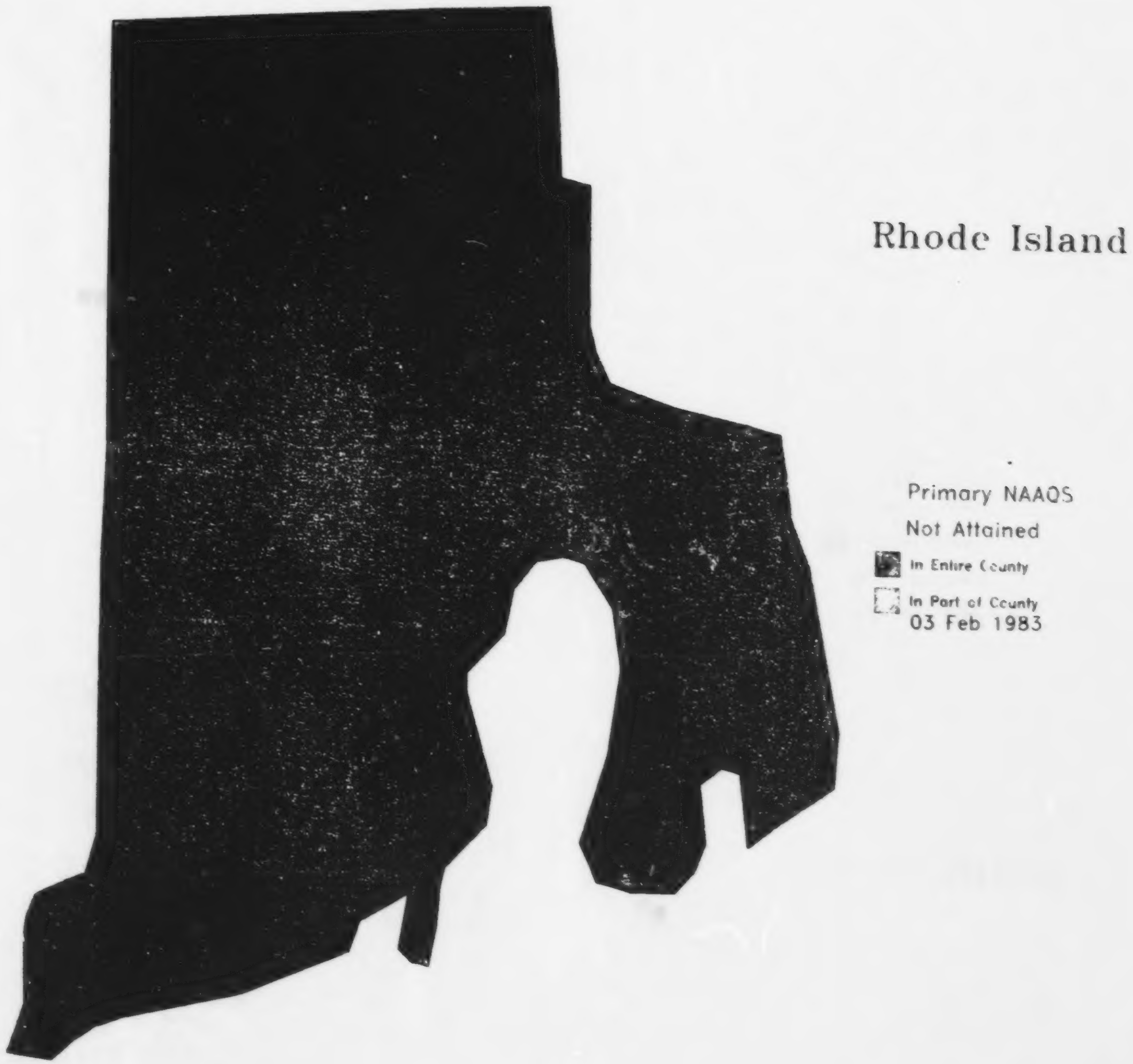
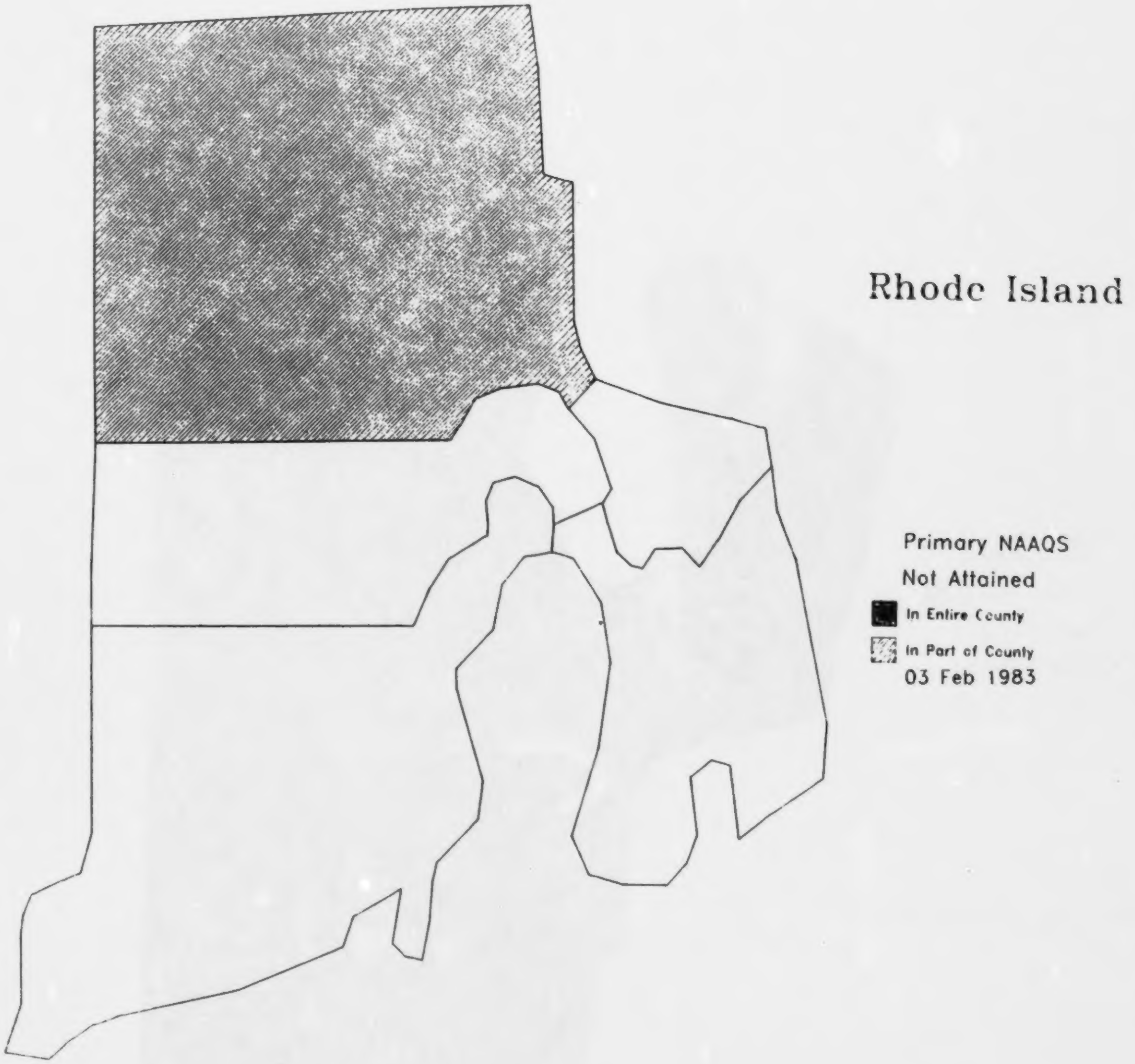
Rhode Island
Providence
Kent
Bristol
Newport
Washington


Rhode Island
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

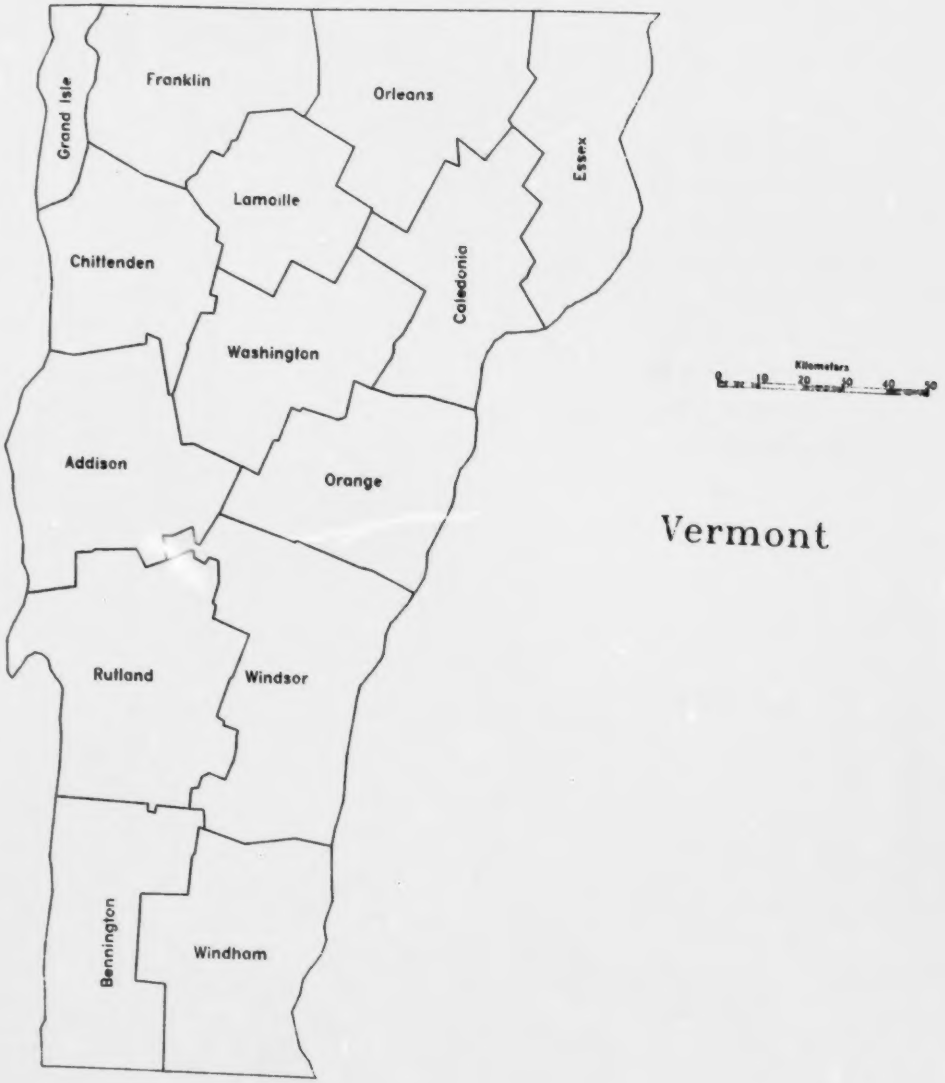
Promulgated List of TSP Non-Attaining Counties - 1983

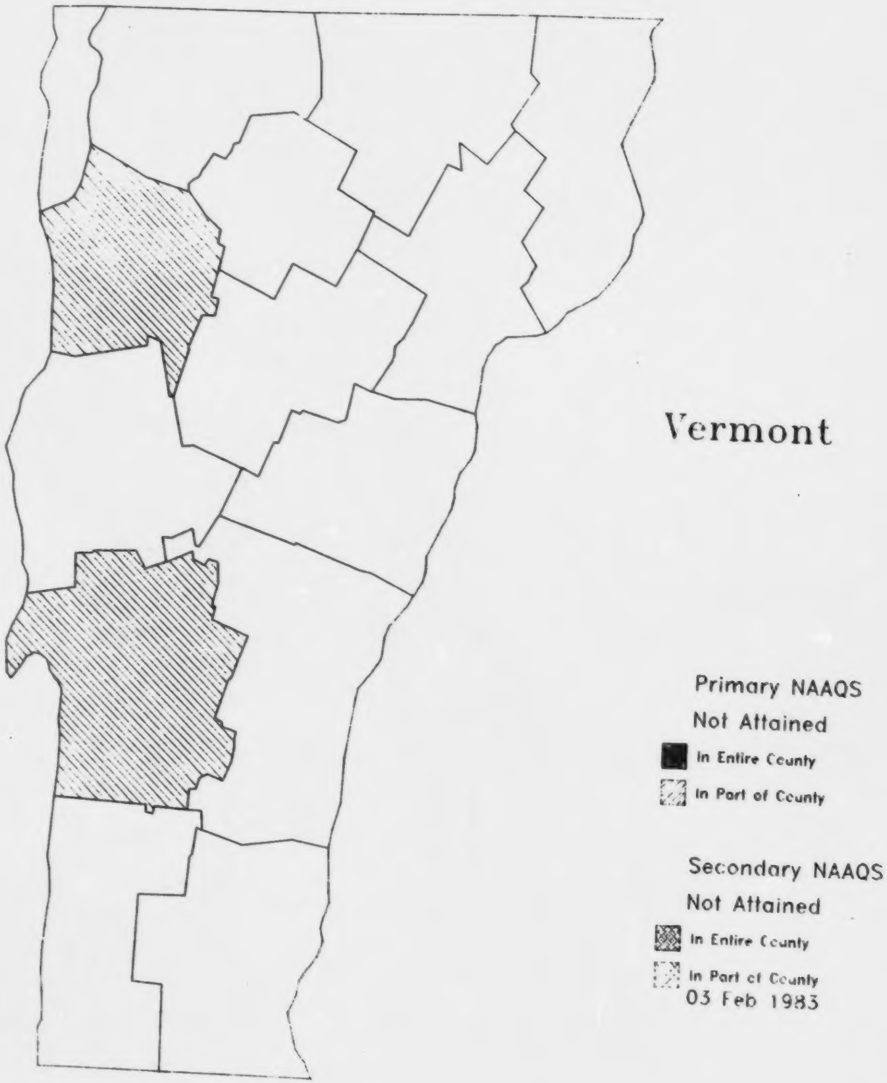

Rhode Island
Primary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of 03 Non-Attaining Counties - 1983


Rhode Island
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983


Vermont
Kilometers
0
10
20
30
40
50
Grand Isle
Franklin
Orleans
Essex
Lamoille
Chittenden
Caledonia
Washington
Addison
Orange
Rutland
Windsor
Bennington
Windham


Vermont
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983

Region II

New Jersey, New York, Puerto Rico, Virgin Islands

Air Programs Branch
EPA Region II
Federal Office Building
26 Federal Plaza
New York, New York 10007
(212) 264-2517

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NEW JERSEY

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Atlantic Co	194,119					P		W
Bergen Co	845,385					P		W
Burlington Co	362,542					P		W
Camden Co	471,650		P			P		W
Cape May Co	82,266							W
Cumberland Co	132,866		P					W
Essex Co	851,116		P			P		W
Gloucester Co	199,917							W
Hudson Co	556,972		W			P		W
Hunterdon Co	87,361							W
Mercer Co	307,863					P		W
Middlesex Co	595,893		P			P		W
Monmouth Co	503,173					P		W
Morris Co	407,630					P		W
Ocean Co	346,038					P		W
Passaic Co	447,585					P		W
Salem Co	64,676					P		W
Somerset Co	203,129					P		W
Sussex Co	116,119							W
Union Co	504,094		P			P		W
Warren Co	84,429							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NEW YORK

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Albany Co	285,909		P			P		W
Bronx Co	1,168,972		P			W		W
Cayuga Co	79,894							W
Chautauqua Co	146,925		P					
Columbia Co	59,487							W
Dutchess Co	245,055							W
Erie Co	1,015,472	P	P	P				W
Genesee Co	59,400							W
Greene Co	40,861		P					W
Kings Co	2,230,936		P			W		W
Livingston Co	57,006							W
Monroe Co	702,238							W
Nassau Co	1,321,582					P		W
New York Co	1,428,285		W			W		W
Niagara Co	227,354	P	P					W
Onondaga Co	463,920		P			P		W
Ontario Co	88,909							W
Orange Co	259,603							W
Orleans Co	38,496							W
Putnam Co	77,193							W
Queens Co	1,891,325		P			W		W
Rensselaer Co	151,966							W
Richmond Co	352,121		P			P		W
Rockland Co	259,530							W
Saratoga Co	153,759					P		P
Schenectady Co	149,946					P		W
Seneca Co	33,733							W
Suffolk Co	1,284,231							W
Ulster Co	158,158							W
Wayne Co	84,581							W
Westchester Co	866,599					P		W
Wyoming Co	39,895							W
Yates Co	21,459							W

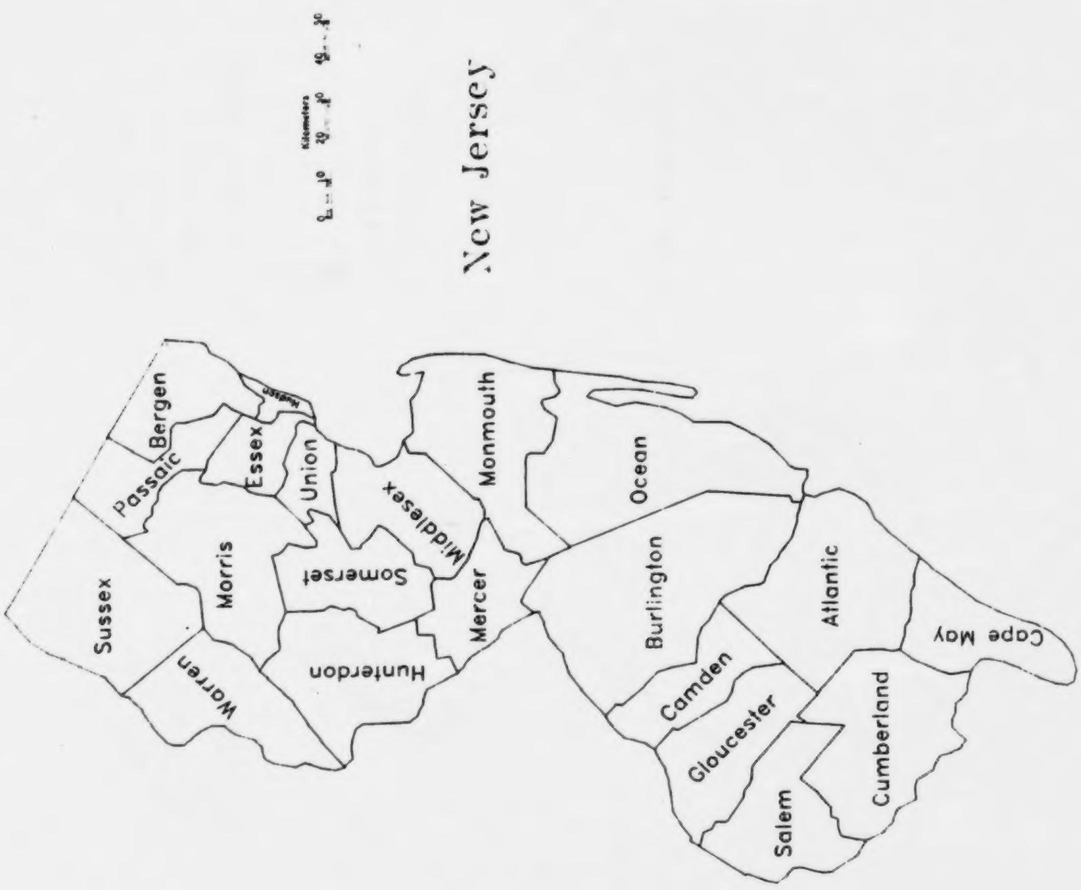
P = PART OF THE COUNTY W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR PUERTO RICO

COUNTY	POPULATION	TSP		SO2		CO	NOX	O2
		PRIM	SEC	PRIM	SEC			
Bayamon Co	196,206	P						
Catano Co	26,243	W						
Guayanilla Co	21,050		P					
Guaynabo Co	80,742	P						
Penuelas Co	19,116		P					
Toa baja Co	78,246	P						

ALL COUNTIES MEET THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR VIRGIN ISLANDS

P = PART OF THE COUNTY   W = THE WHOLE COUNTY


New Jersey
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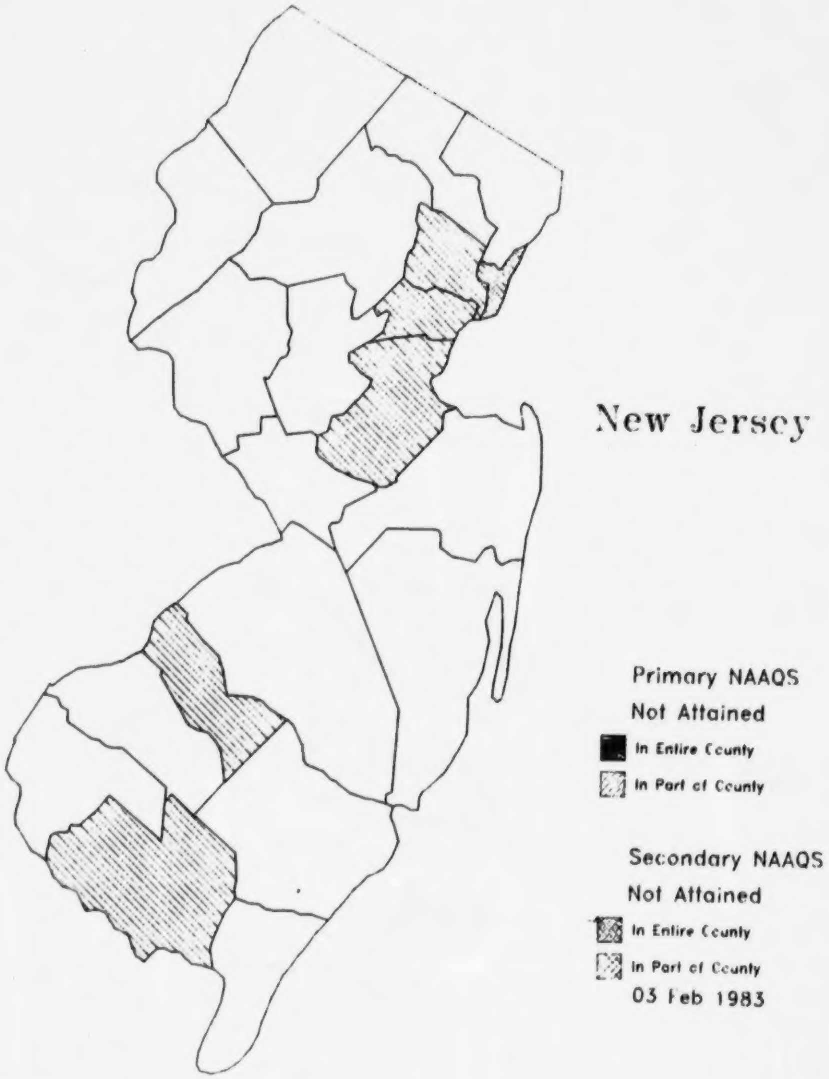
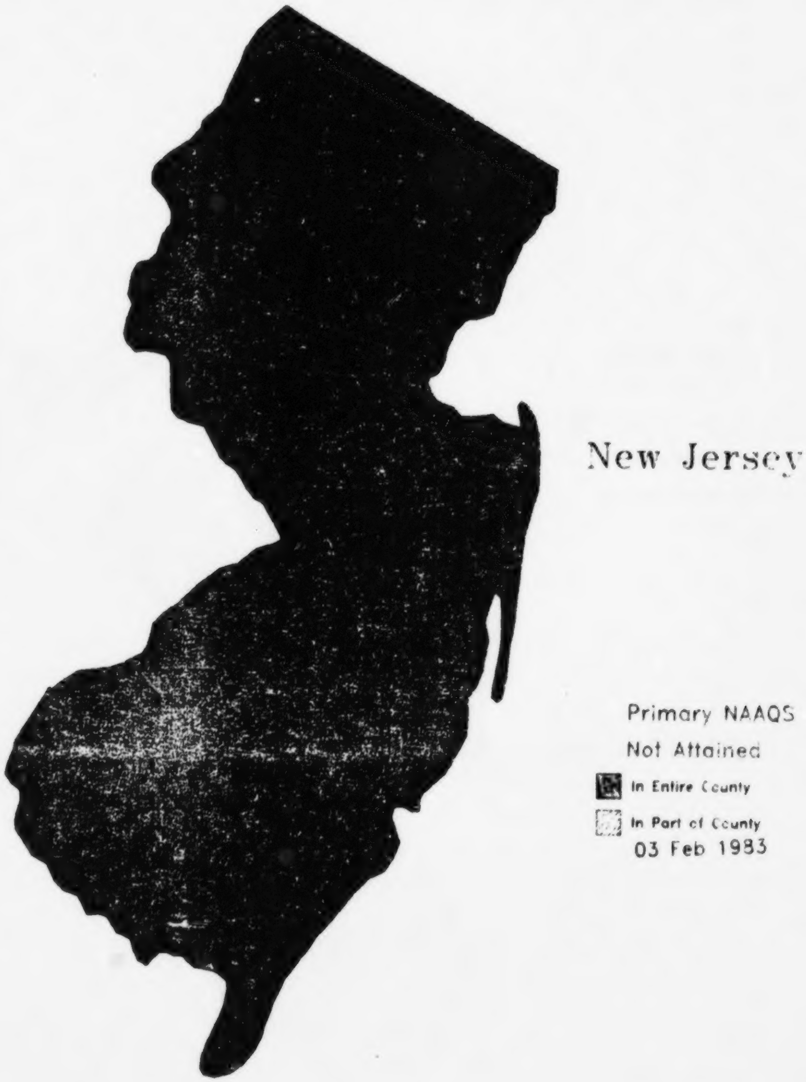
Kilometers
Sussex
Passaic
Bergen
Hudson
Essex
Union
Morris
Warren
Somerset
Hunterdon
Middlesex
Mercer
Monmouth
Ocean
Burlington
Camden
Gloucester
Salem
Atlantic
Cumberland
Cape May


New Jersey
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties - 1983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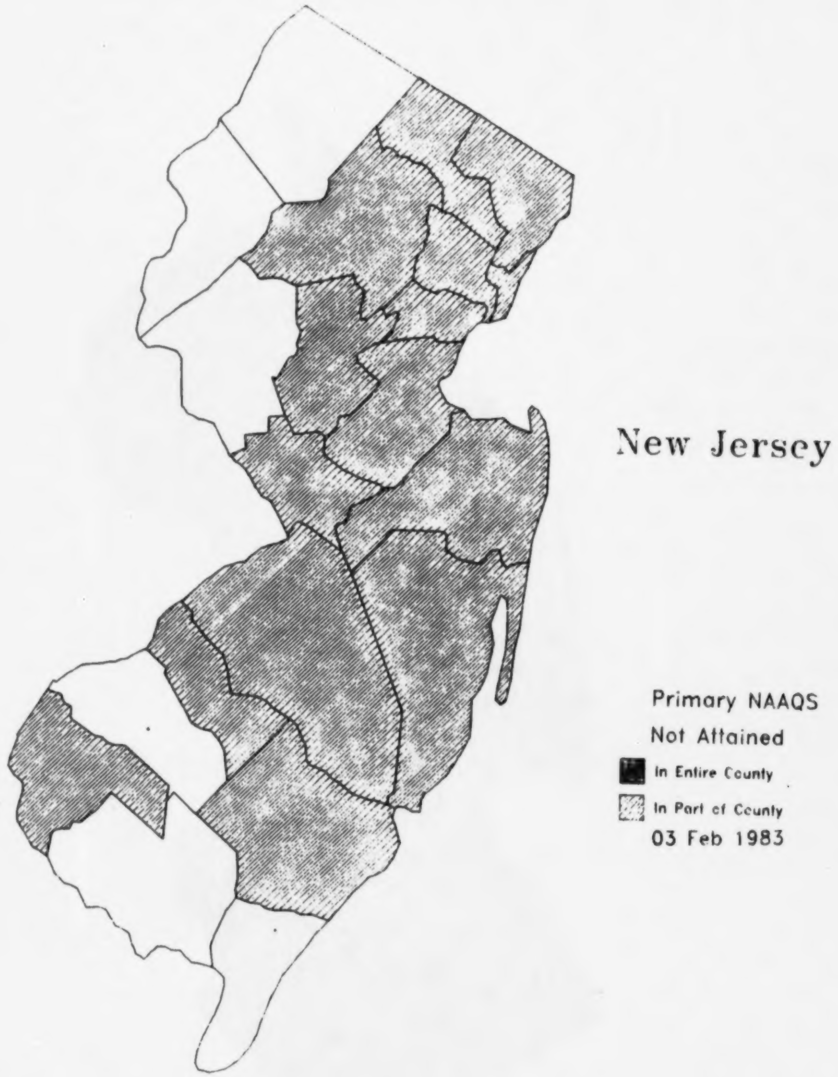
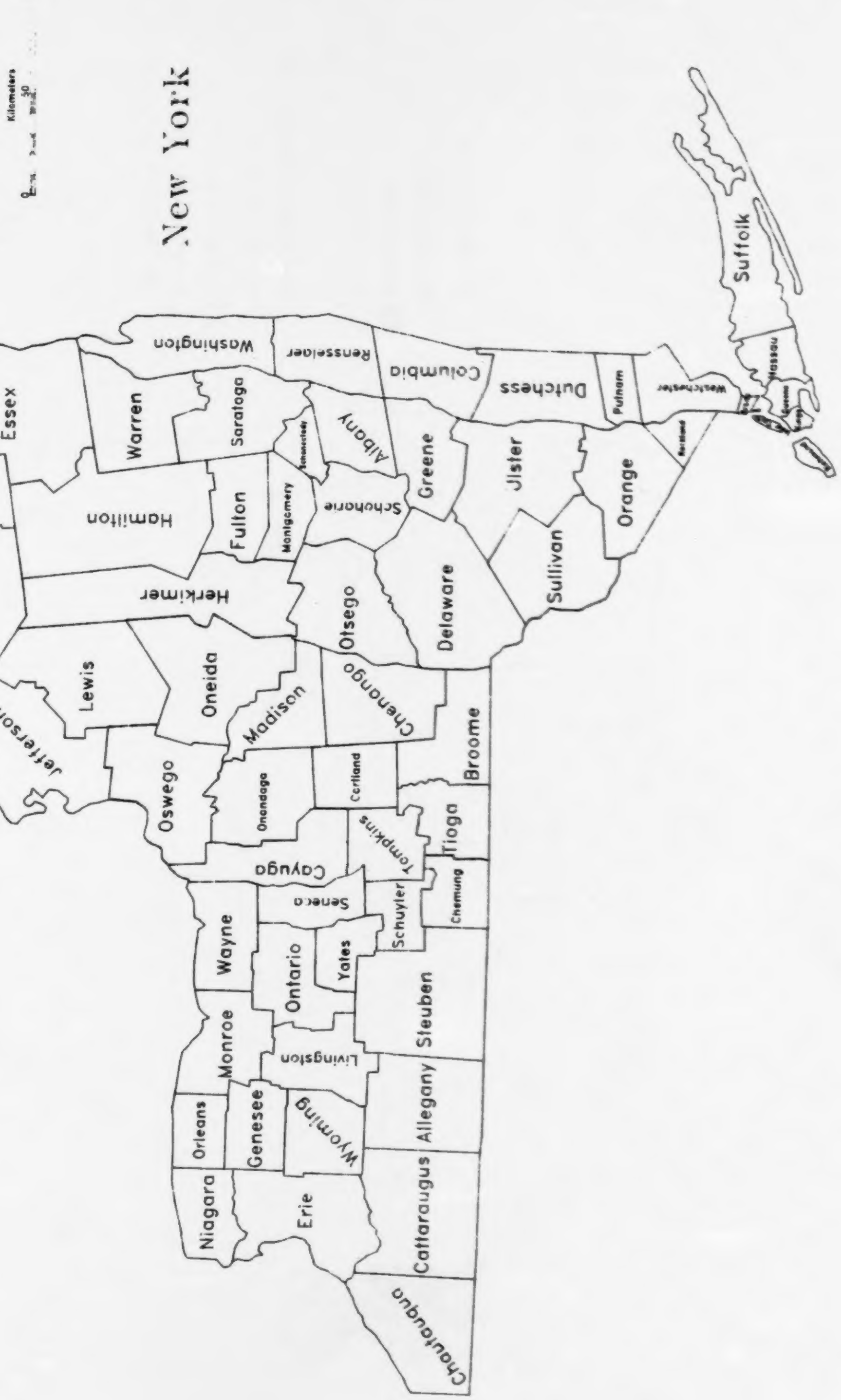
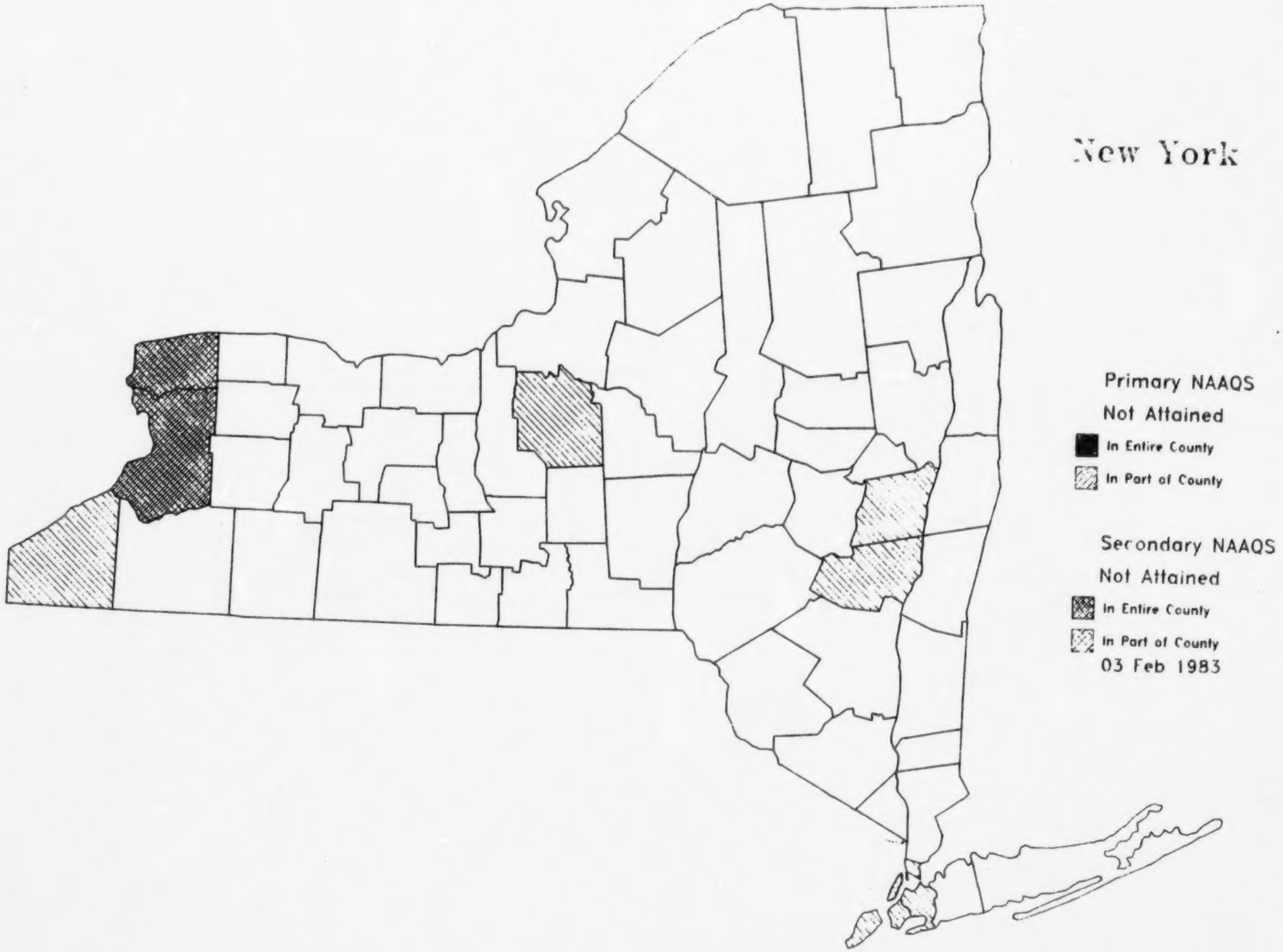
▨ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties -- 1983

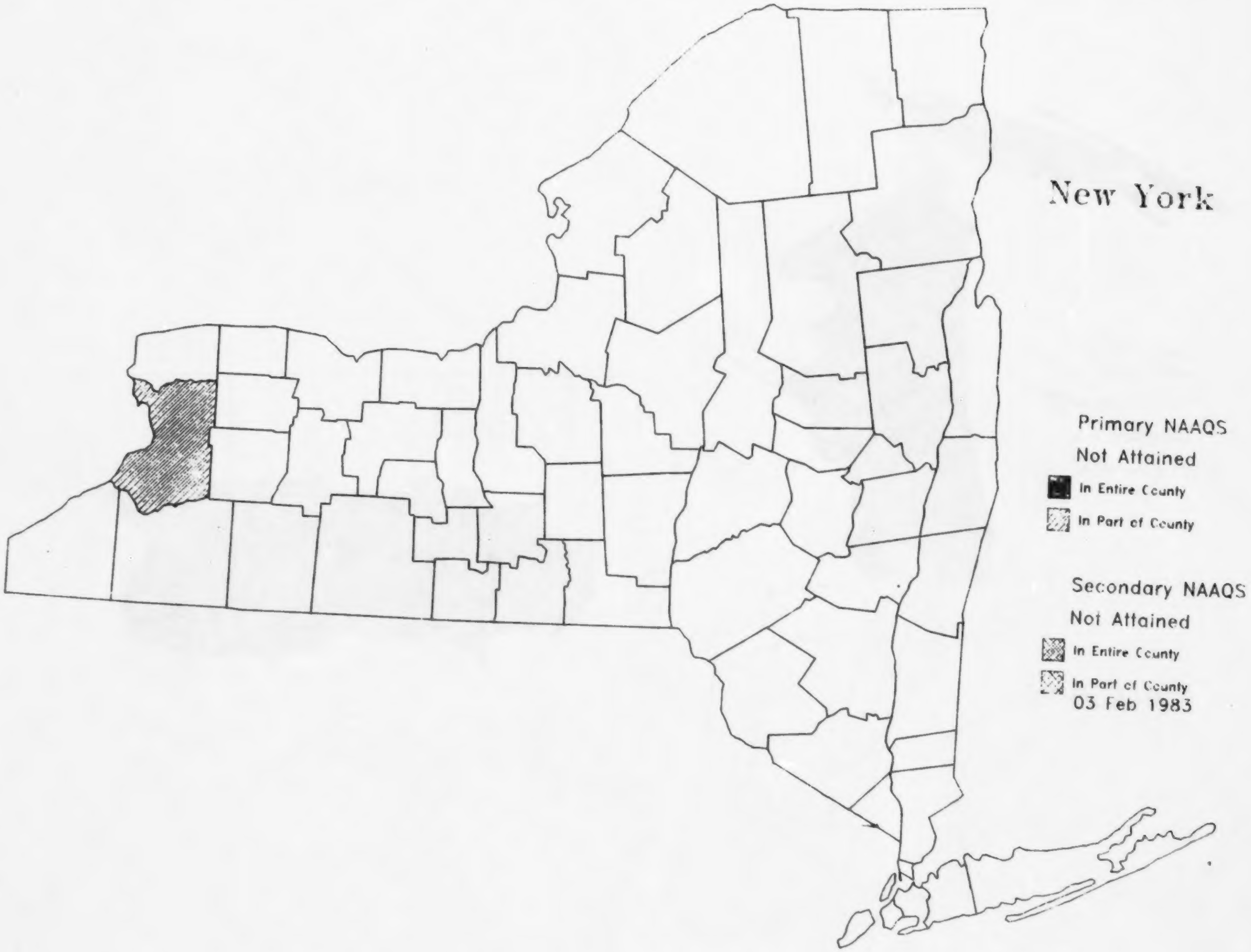

New Jersey
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983

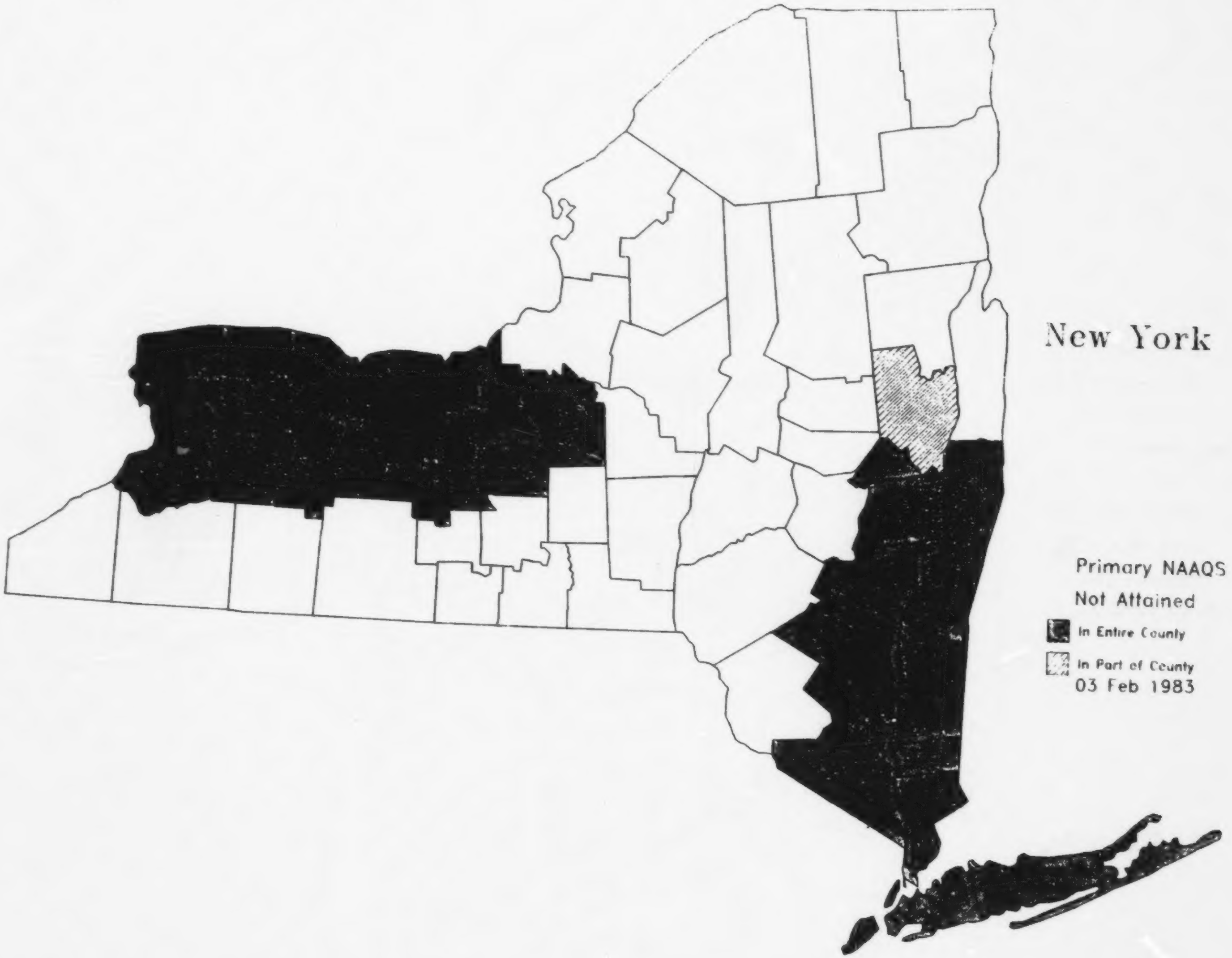

New York
Kilometers
0
50
100
Clinton
Franklin
St. Lawrence
Essex
Hamilton
Herkimer
Lewis
Jefferson
Warren
Washington
Saratoga
Fulton
Montgomery
Schenectady
Oneida
Oswego
Madison
Onondaga
Cayuga
Rensselaer
Albany
Schoharie
Otsego
Chenango
Cortland
Tompkins
Columbia
Greene
Delaware
Broome
Tioga
Chemung
Dutchess
Ulster
Sullivan
Orange
Putnam
Westchester
Rockland
Nassau
Queens
Kings
Richmond
Suffolk
Wayne
Seneca
Schuyler
Ontario
Yates
Steuben
Monroe
Livingston
Orleans
Genesee
Wyoming
Allegany
Niagara
Erie
Cattaraugus
Chautauqua


New York
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

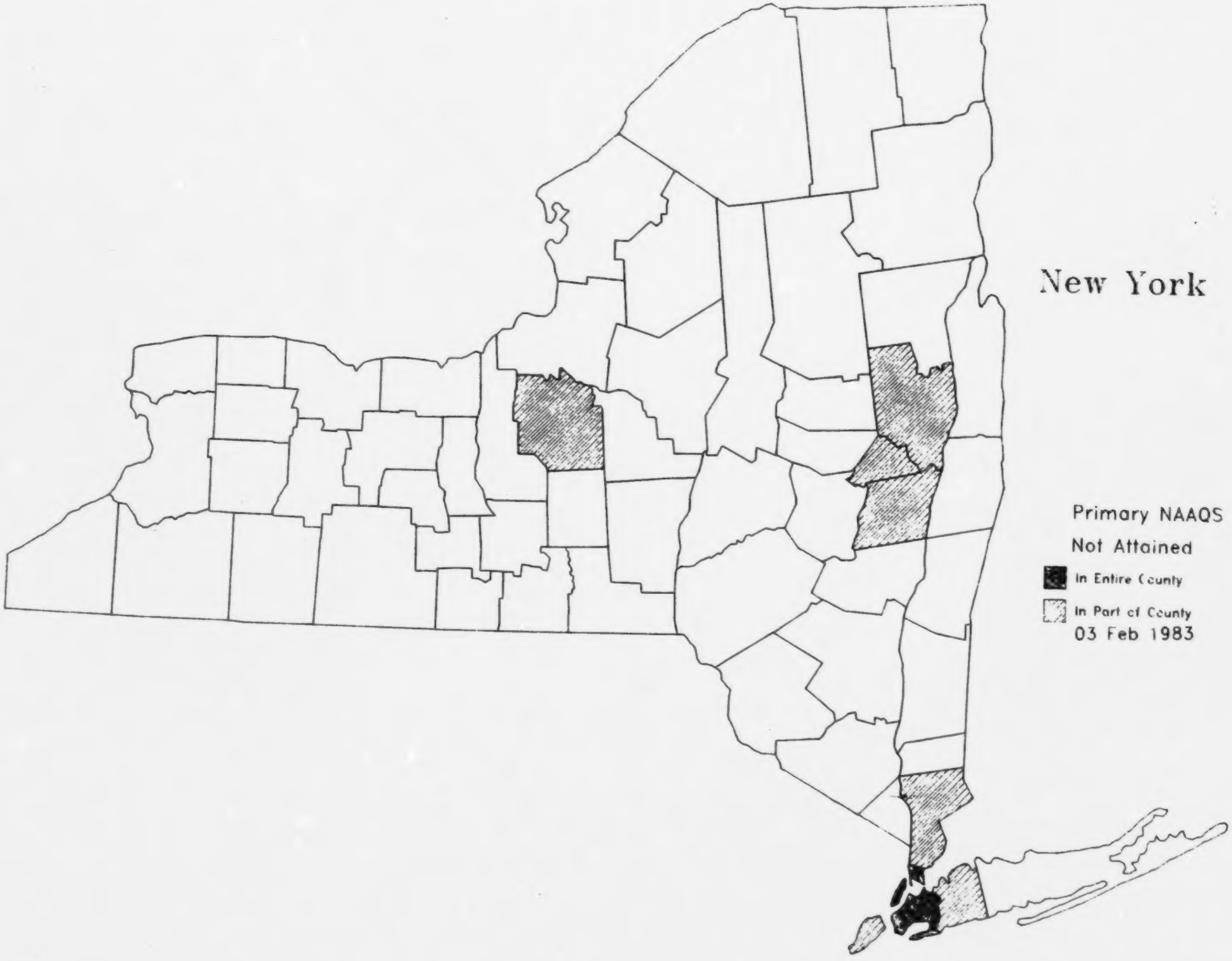
Promulgated List of TSP Non-Attaining Counties - 1983


New York
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties - 1983


New York
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of O3 Non--Attaining Counties -- 1983


New York
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983

Region III

Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia

Air Programs Branch
EPA Region III
Curtis Building
Sixth and Walnut Streets
Philadelphia, Pennsylvania 19106
(215) 597-8175

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR DELAWARE

COUNTY	POPULATION	TSP		SO2		CO	NOX	O3
		PRIM	SEC	PRIM	SEC			
New Castle Co	396,115							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR DIST. COLUMBIA

COUNTY	POPULATION	TSP		SO2		CO	NOX	O3
		PRIM	SEC	PRIM	SEC			
Washington	638,432					W		W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MARYLAND

COUNTY	POPULATION	TSP		SO2		CO	NOX	O3
		PRIM	SEC	PRIM	SEC			
Anne Arundel Co	370,775		P					W
Baltimore Co	655,615	P	P					W
Carroll Co	96,356							W
Harford Co	145,930							W
Howard Co	116,572							W
Montgomery Co	579,053					P		W
Prince Georges Co	665,071					P		W
Baltimore	786,775	P	P			P		W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR PENNSYLVANIA

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Adams Co	68,292							W
Allegheny Co	1,450,085	P		P		P		W
Armstrong Co	77,768			P				W
Beaver Co	204,441	P		P				W
Bedford Co	46,784							W
Berks Co	312,509		P					W
Blair Co	136,621		P					W
Bradford Co	62,919							W
Bucks Co	479,211							W
Butler Co	147,912							W
Cambria Co	183,263	P						W
Cameron Co	6,674							W
Carbon Co	53,285							W
Centre Co	112,760							W
Chester Co	316,660		P					W
Clarion Co	43,362							W
Clearfield Co	83,578							W
Clinton Co	38,971							W
Columbia Co	61,967							W
Crawford Co	88,869							W
Cumberland Co	178,541							W
Dauphin Co	232,317							W
Delaware Co	555,007							W
Elk Co	38,338							W
Erie Co	279,780		P					W
Fayette Co	159,417		P					W
Forest Co	5,072							W
Franklin Co	113,629							W
Fulton Co	12,842							W
Greene Co	40,476							W
Huntingdon Co	42,253							W
Indiana Co	92,281							W
Jefferson Co	48,303							W
Juniata Co	19,188							W
Lackawanna Co	227,908		P					W
Lancaster Co	362,346	P						W
Lawrence Co	107,150	P						W
Lebanon Co	108,582							W
Lehigh Co	272,349	P						W
Luzerne Co	343,079		P					W
Lycoming Co	118,416		P					W
Mc Kean Co	50,635							W
Mercer Co	128,299	P						W
Mifflin Co	46,908							W
Monroe Co	69,409							W
Montgomery Co	643,621		P					W
Montour Co	16,675							W
Northampton Co	225,418	P						W
Northumberland Co	100,381			P	P			W
Perry Co	35,718							W
Philadelphia Co	1,688,210		P			P		W
Pike Co	18,271							W
Potter Co	17,726							W
Schuylkill Co	160,630							W
Snyder Co	33,584			P				W
Somerset Co	81,243							W
Sullivan Co	6,349							W
Susquehanna Co	37,876							W
Tioga Co	40,973							W
Union Co	32,870							W
Venango Co	64,444							W
Warren Co	47,449			P				W
Washington Co	217,074	P						W
Wayne Co	35,237							W
Westmoreland Co	392,294	P						W
Wyoming Co	26,433							W
York Co	312,963	P						W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

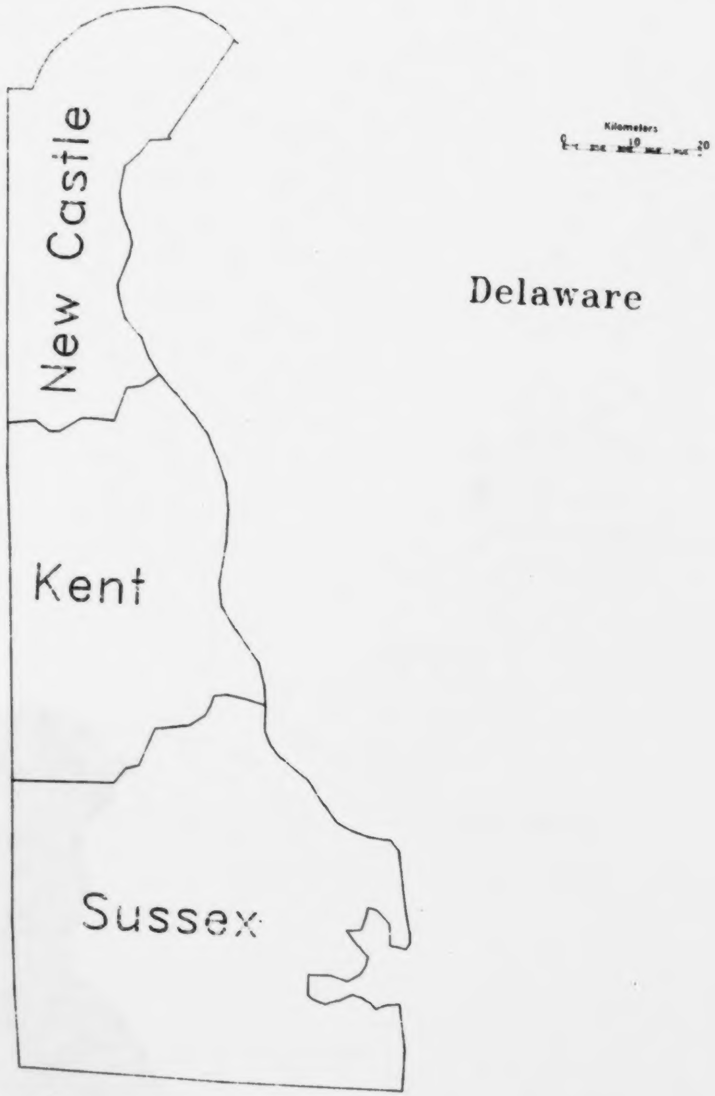
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR VIRGINIA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O2
Arlington Co	152,599					W		W
Chesterfield Co	141,372							W
Fairfax Co	596,901					P		W
Henrico Co	180,735							W
Loudoun Co	57,427							W
Prince William Co	144,703							W
Alexandria	103,217					W		W
Fairfax	19,390							W
Falls Church	9,515							W
Manassas	15,438							W
Manassas Park	6,524							W
Richmond	219,214							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR WEST VIRGINIA

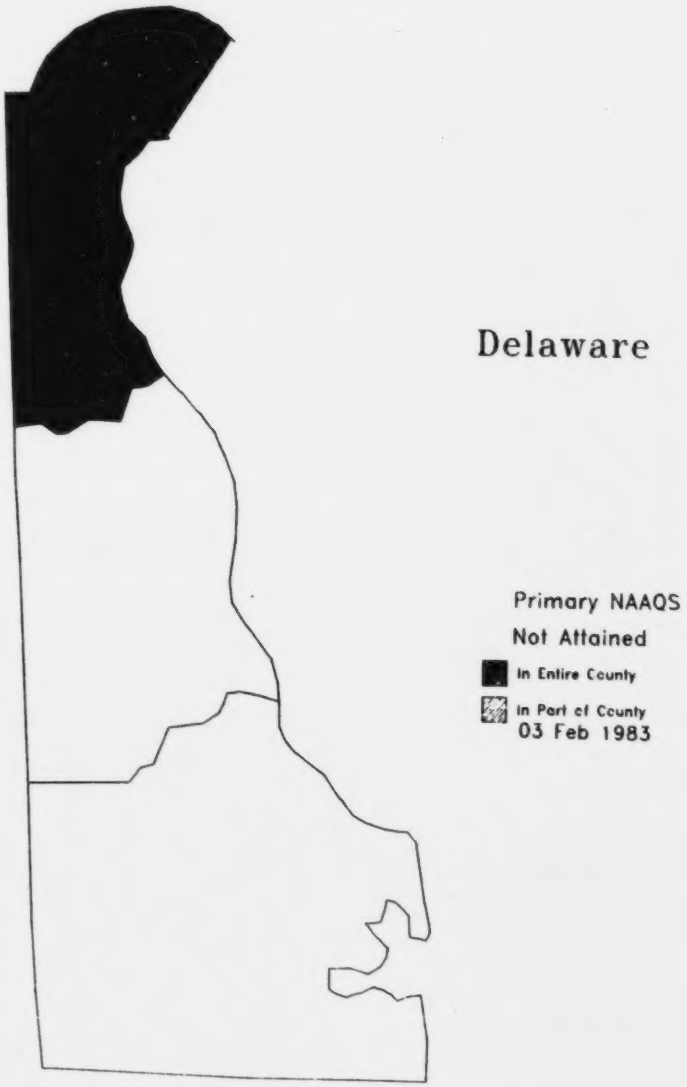
COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O2
Brooke Co	31,117	W						
Fayette Co	57,863		P					
Hancock Co	41,053	W		P				
Marshall Co	41,608	W						
Ohio Co	61,389	W						
Wood Co	93,648		P					

P = PART OF THE COUNTY   W = THE WHOLE COUNTY



Kilometers
0
10
20
New Castle
Kent
Sussex

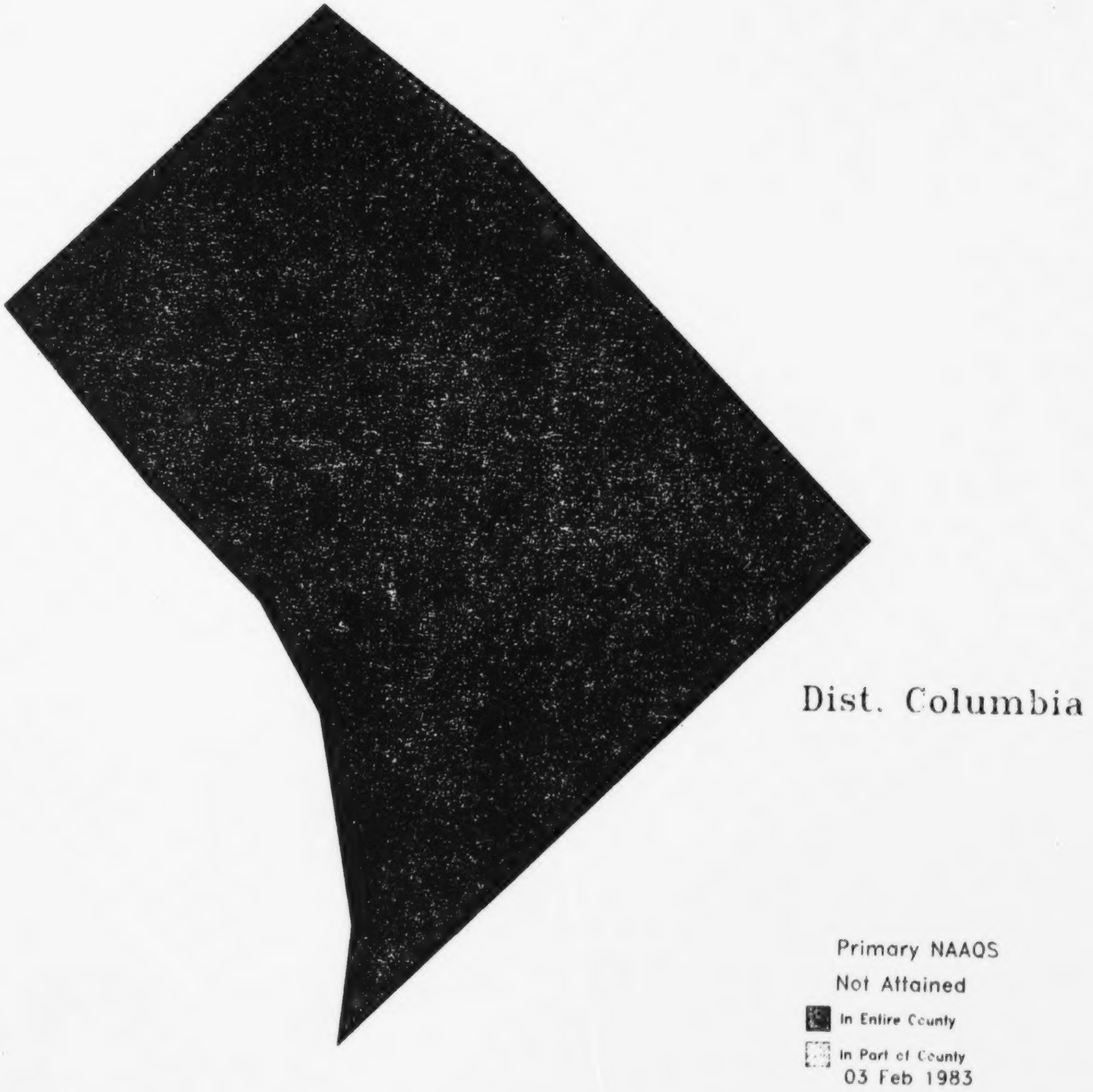
Delaware


Delaware
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

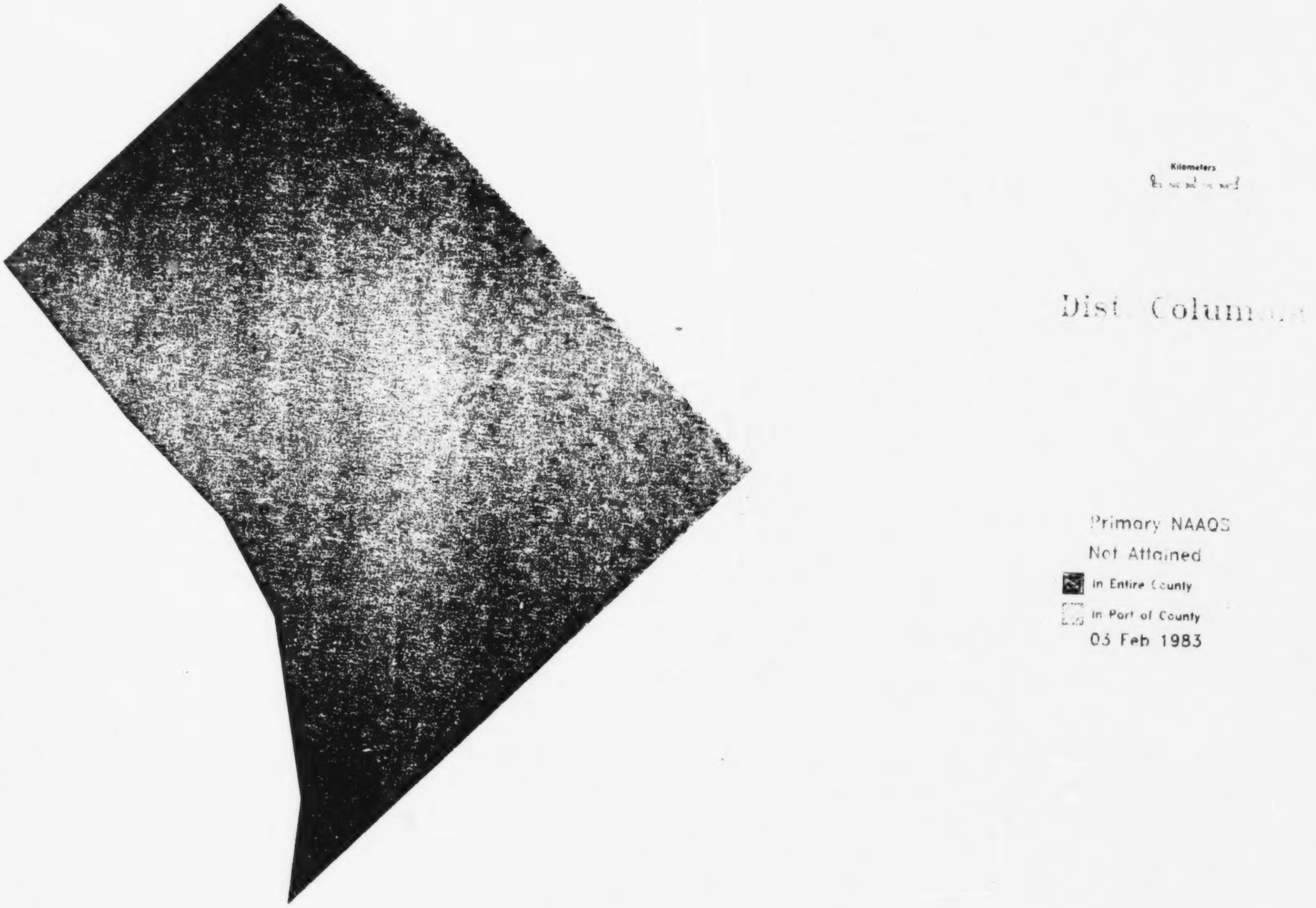
Promulgated List of O3 Non--Attaining Counties -- 1983

Dist. Columbia

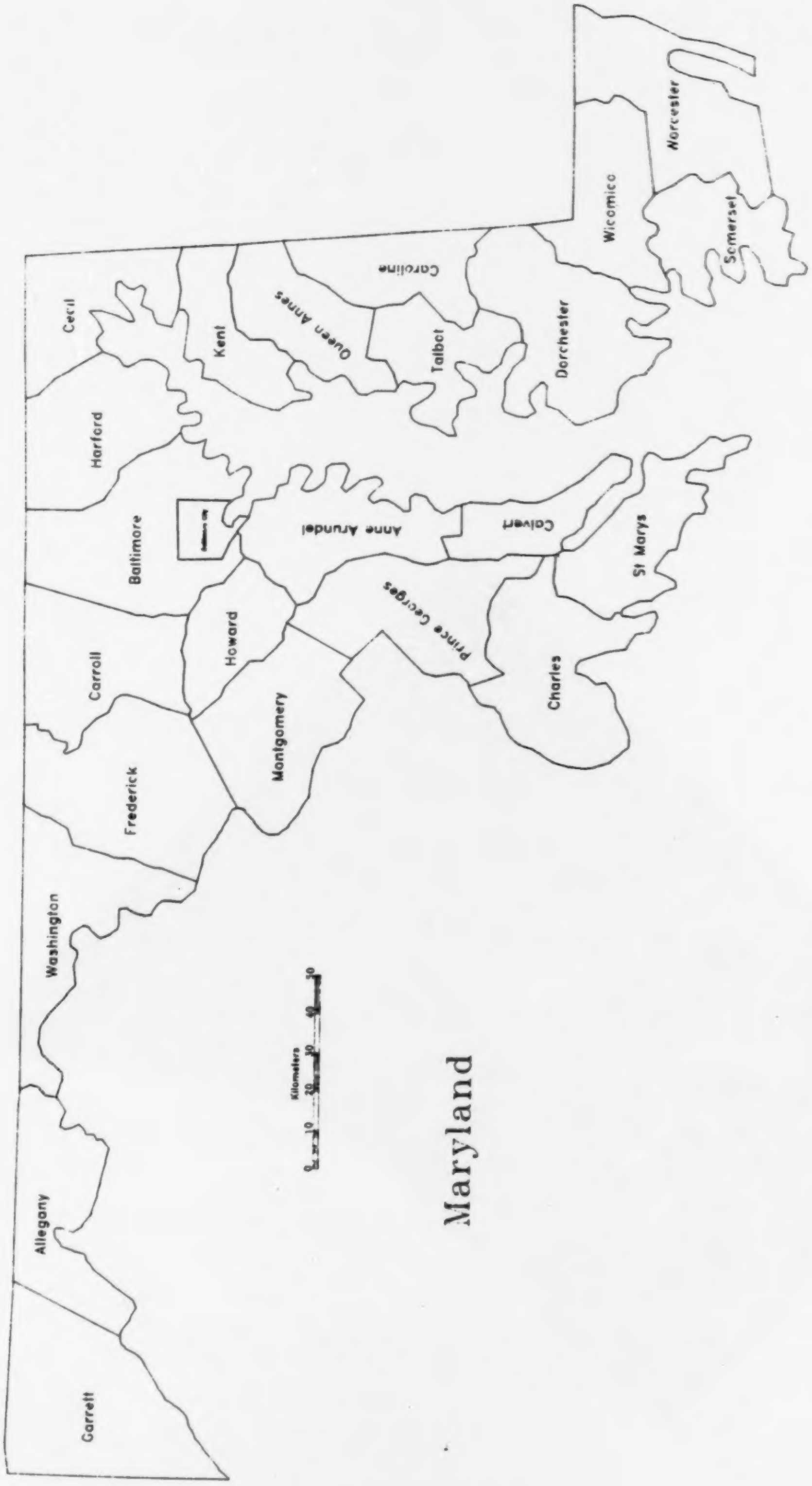
Washington
Kilometers


Dist. Columbia
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

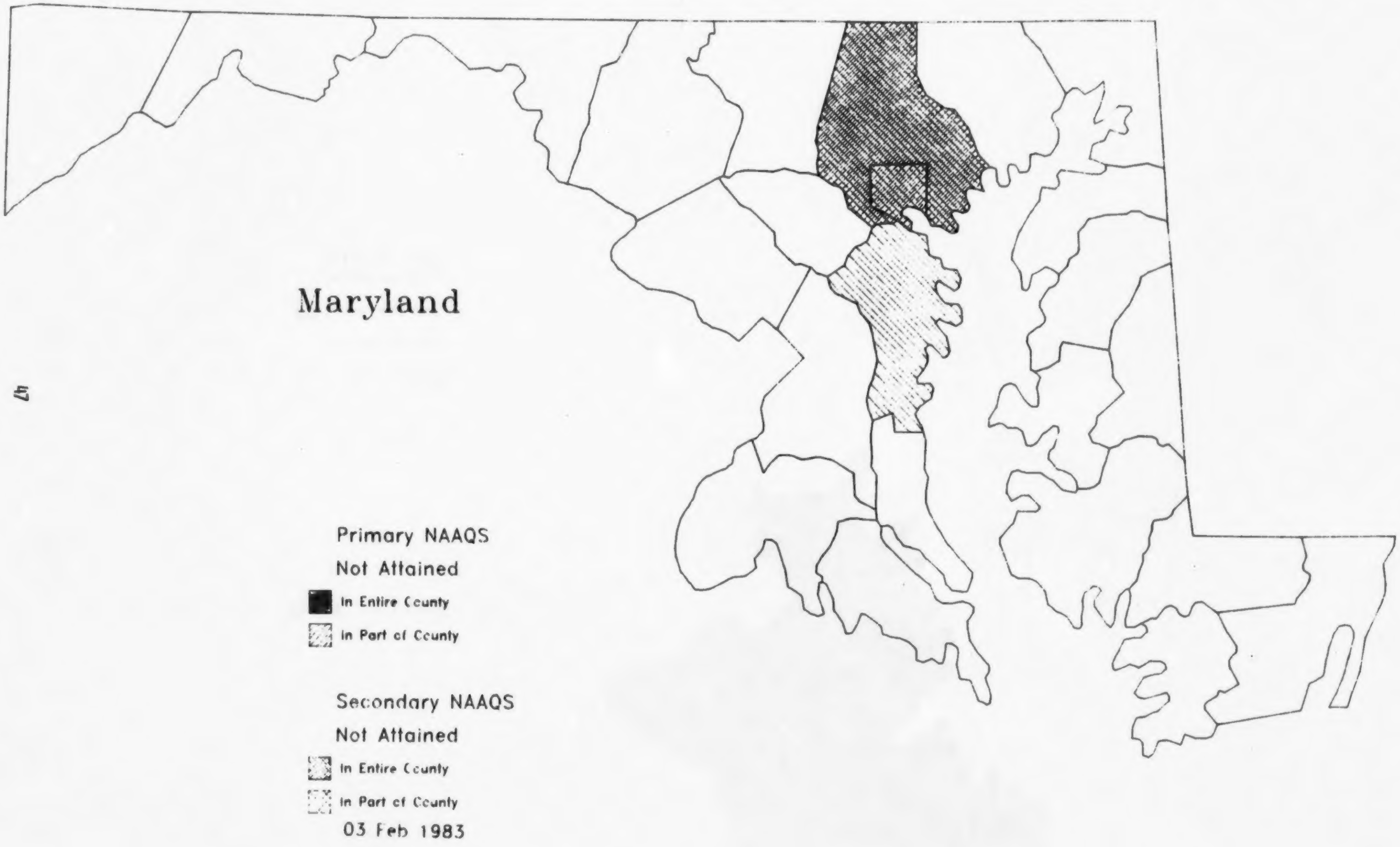
Promulgated List of O3 Non-Attaining Counties -- 1983


Kilometers
Dist Columbia
Primary NAAQS
Not Attained
▆ In Entire County
▨ In Part of County
03 Feb 1983

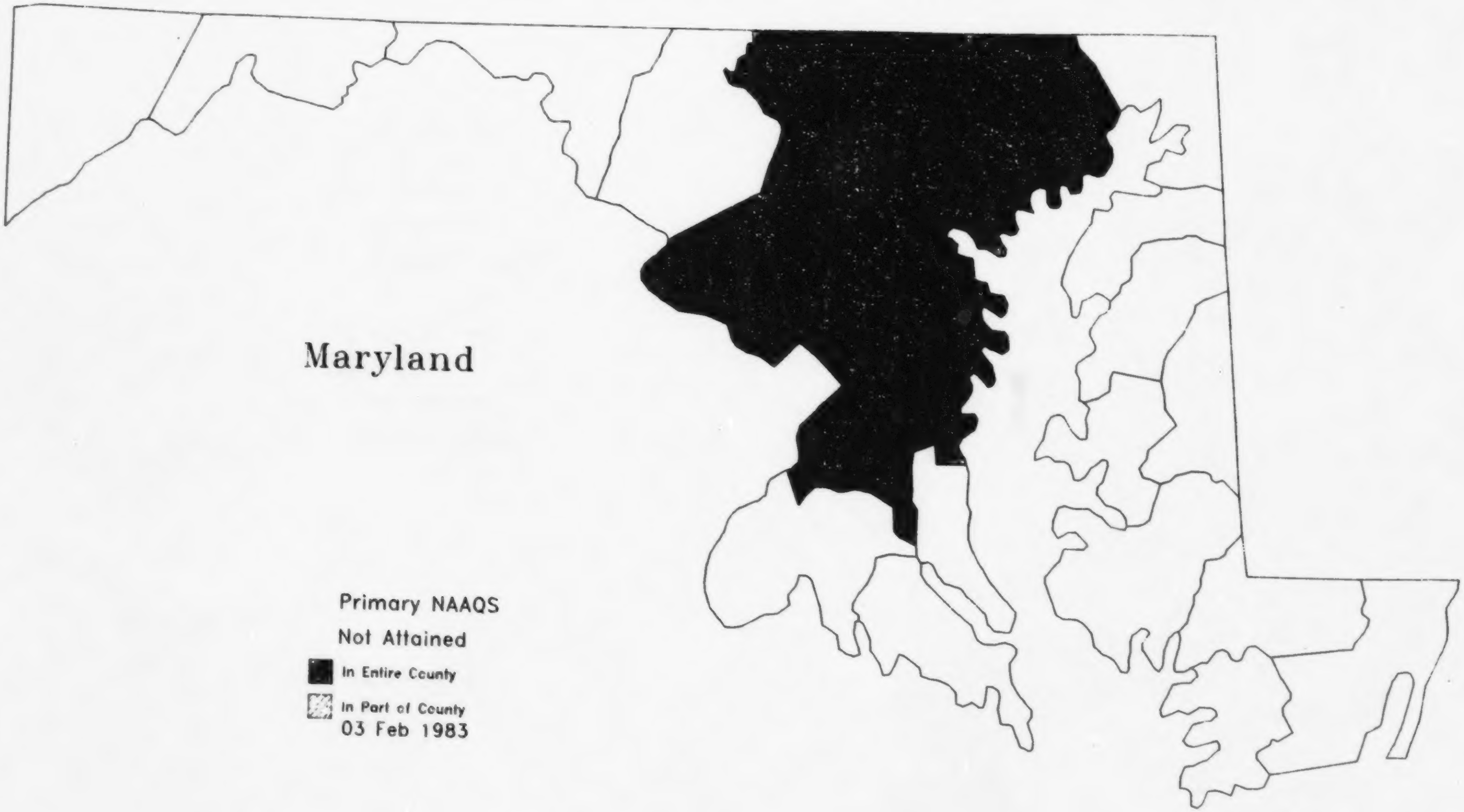
Promulgated List of CO Non-Attaining Counties – 1983

Garrett
Allegany
Washington
Frederick
Carroll
Baltimore
Harford
Cecil
Montgomery
Howard
Anne Arundel
Prince Georges
Charles
Calvert
St Marys
Kent
Queen Annes
Talbot
Caroline
Dorchester
Wicomico
Worcester
Somerset
Kilometers
0
10
20
30
40
50

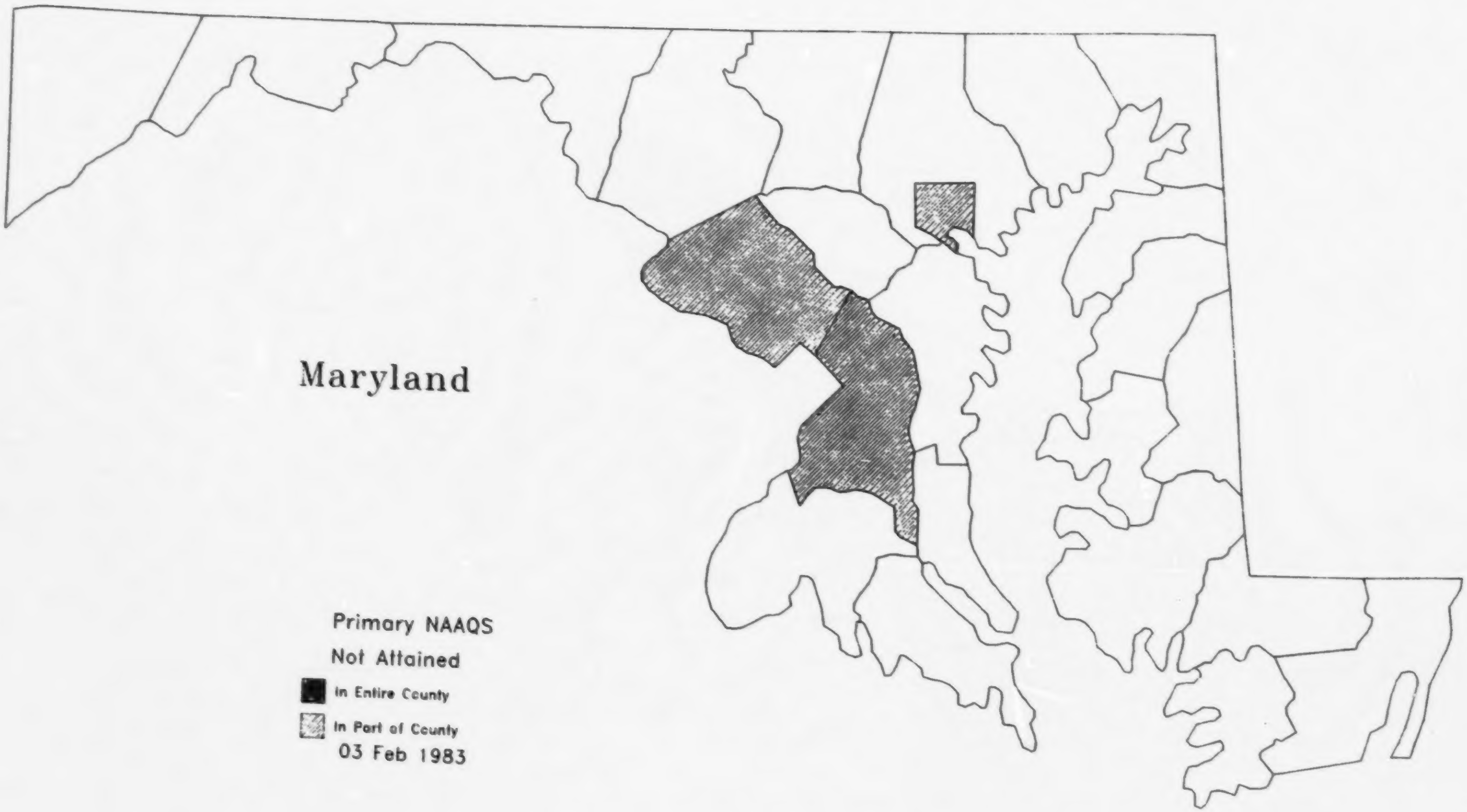
Maryland


Maryland
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983

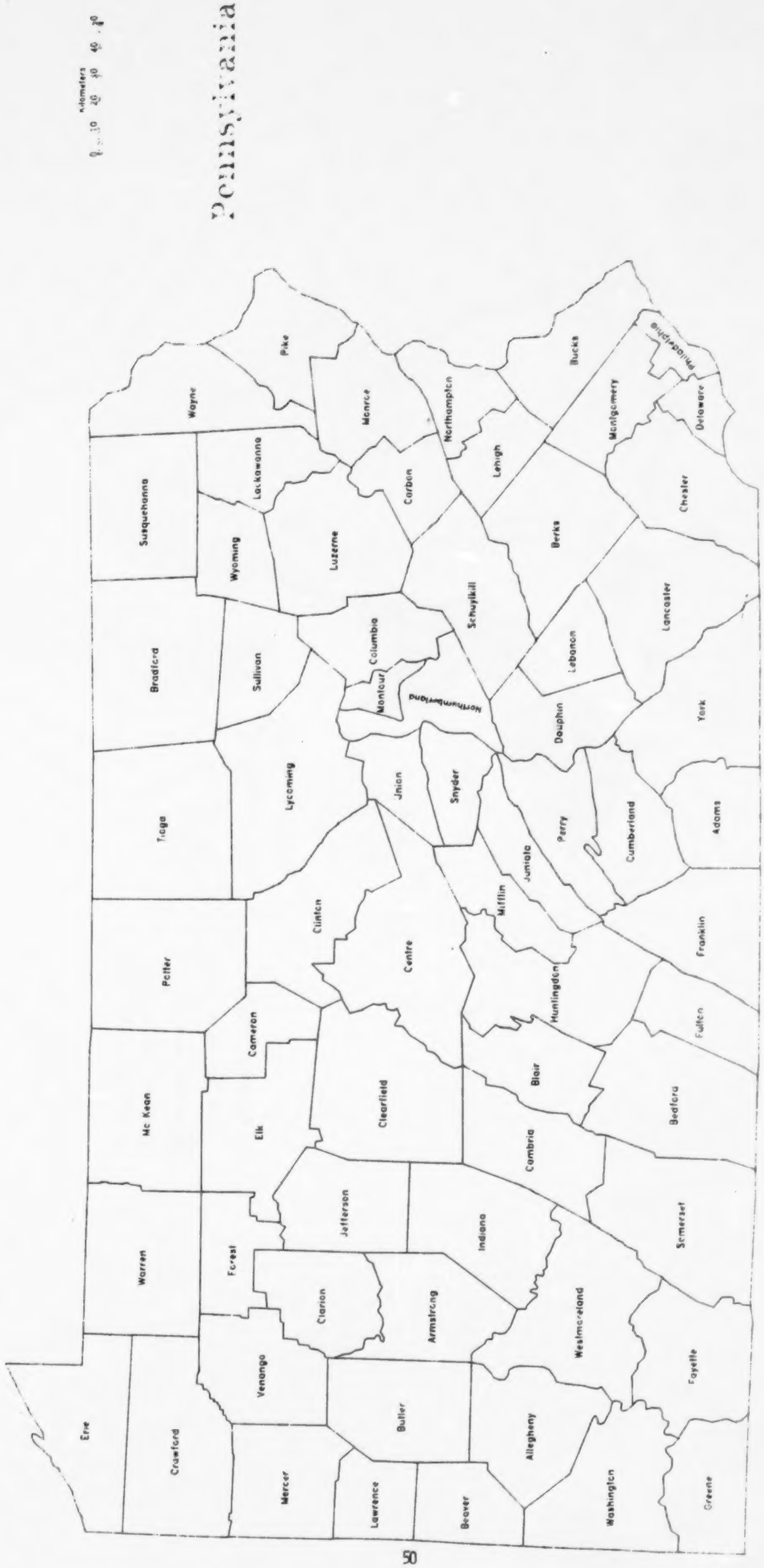

Maryland
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of 03 Non-Attaining Counties -- 1983

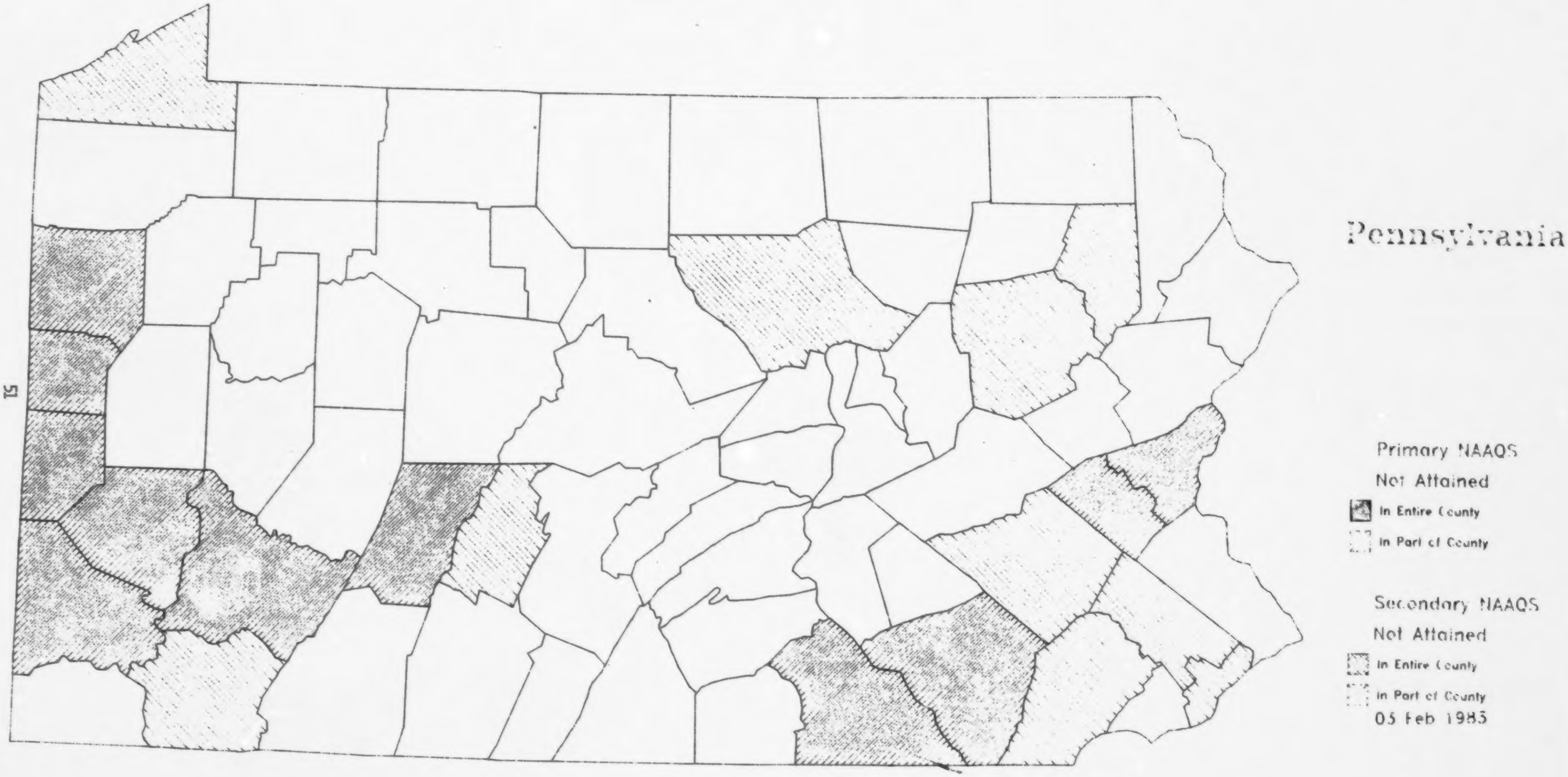

Maryland
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non–Attaining Counties – 1983

Pennsylvania



kilometers
0 10 20 30 40 50
Erie
Crawford
Mercer
Lawrence
Beaver
Warren
Venango
Butler
Allegheny
Washington
Greene
Forest
Clarion
Armstrong
Westmoreland
Fayette
Mc Kean
Elk
Jefferson
Indiana
Somerset
Potter
Cameron
Clearfield
Cambria
Bedford
Clinton
Centre
Blair
Huntingdon
Fulton
Franklin
Tioga
Lycoming
Union
Snyder
Mifflin
Juniata
Perry
Cumberland
Adams
Bradford
Sullivan
Montour
Columbia
Northumberland
Dauphin
York
Susquehanna
Wyoming
Luzerne
Schuylkill
Lebanon
Lancaster
Lackawanna
Carbon
Berks
Chester
Wayne
Pike
Monroe
Northampton
Lehigh
Bucks
Montgomery
Delaware
Philadelphia


Pennsylvania
Primary NAAQS
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In Entire County
In Part of County
Secondary NAAQS
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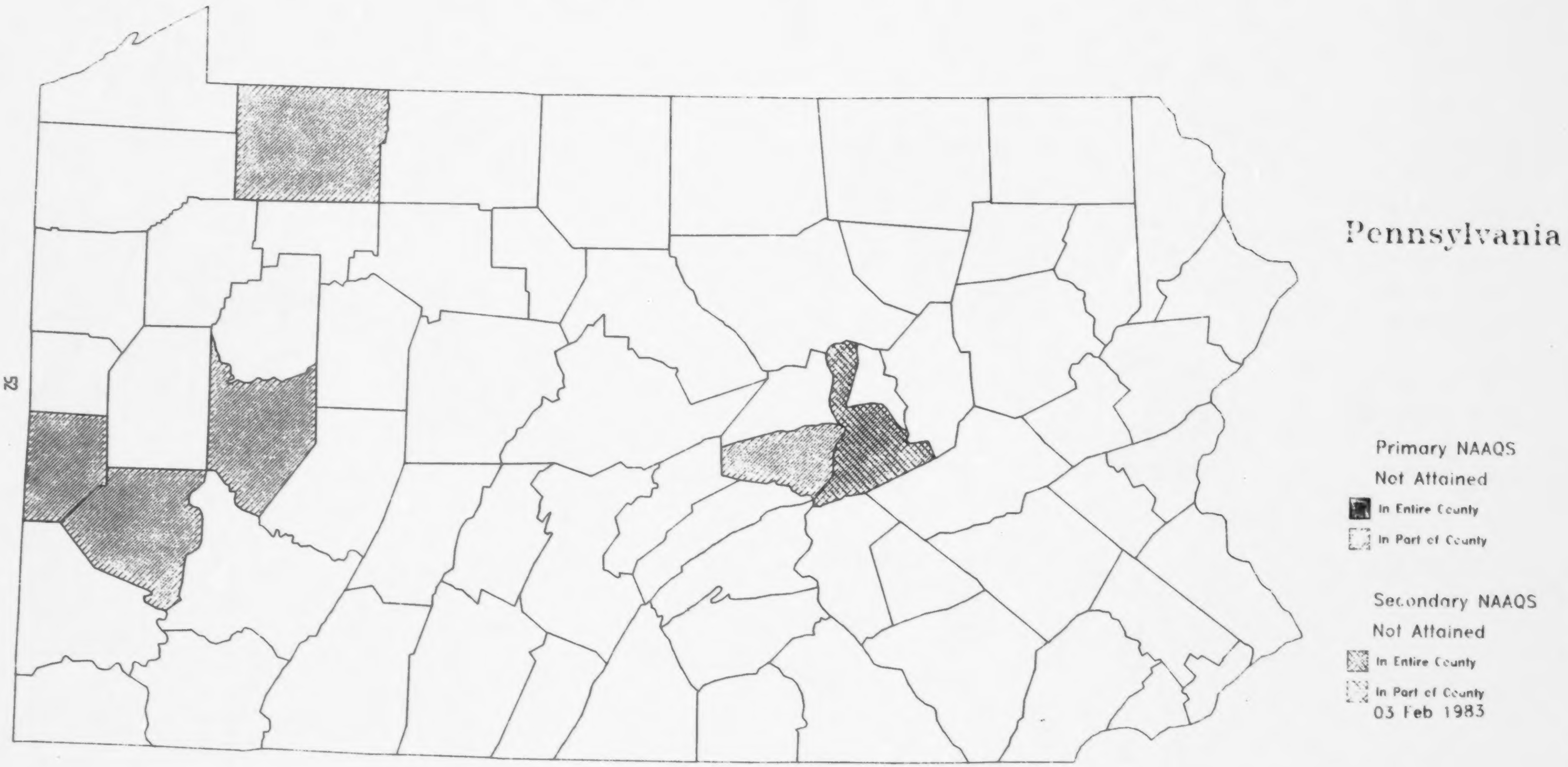
In Entire County
In Part of County
05 Feb 1983

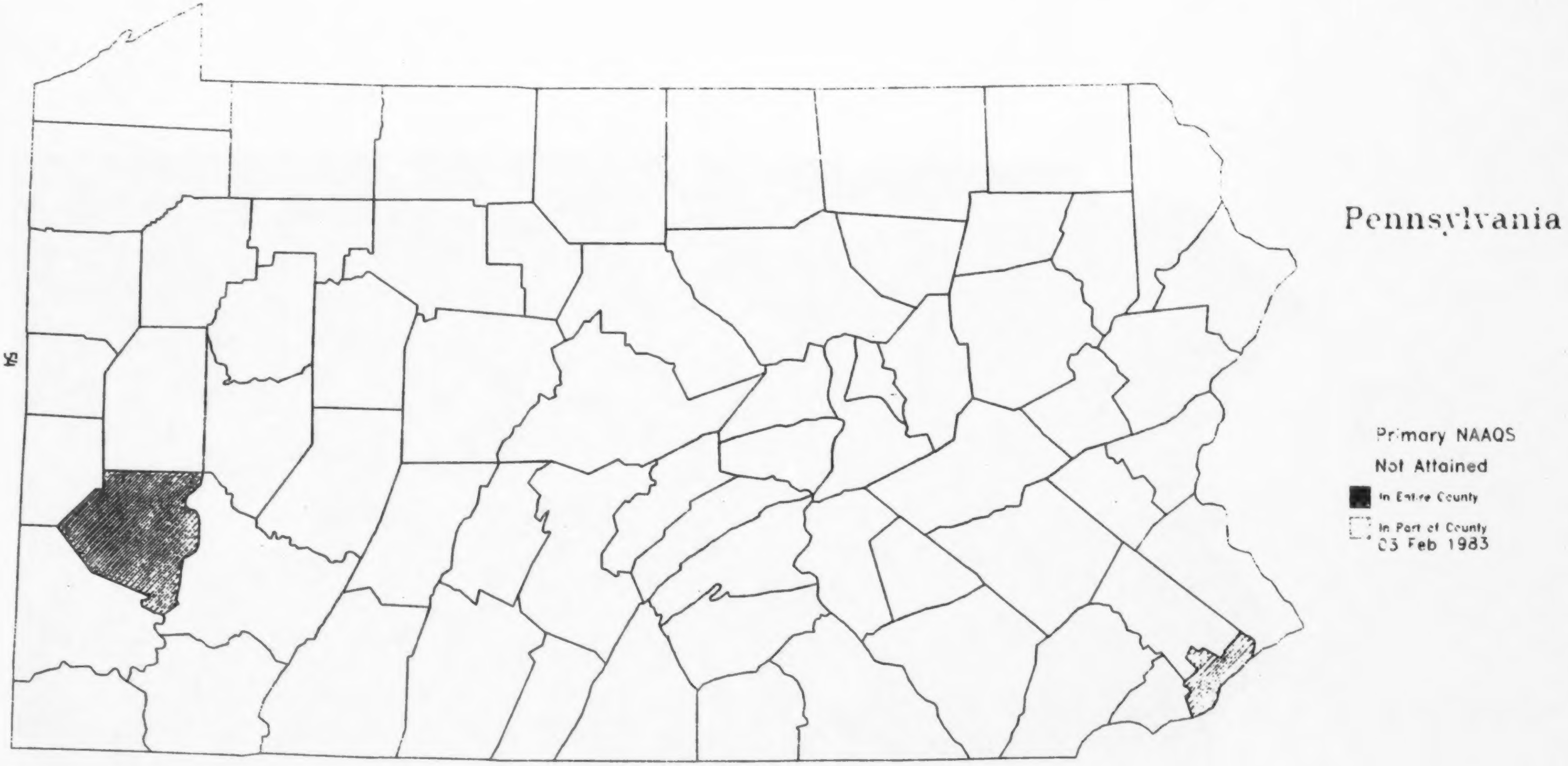
Promulgated List of TSP Non-Attaining Counties - 1983


Pennsylvania
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

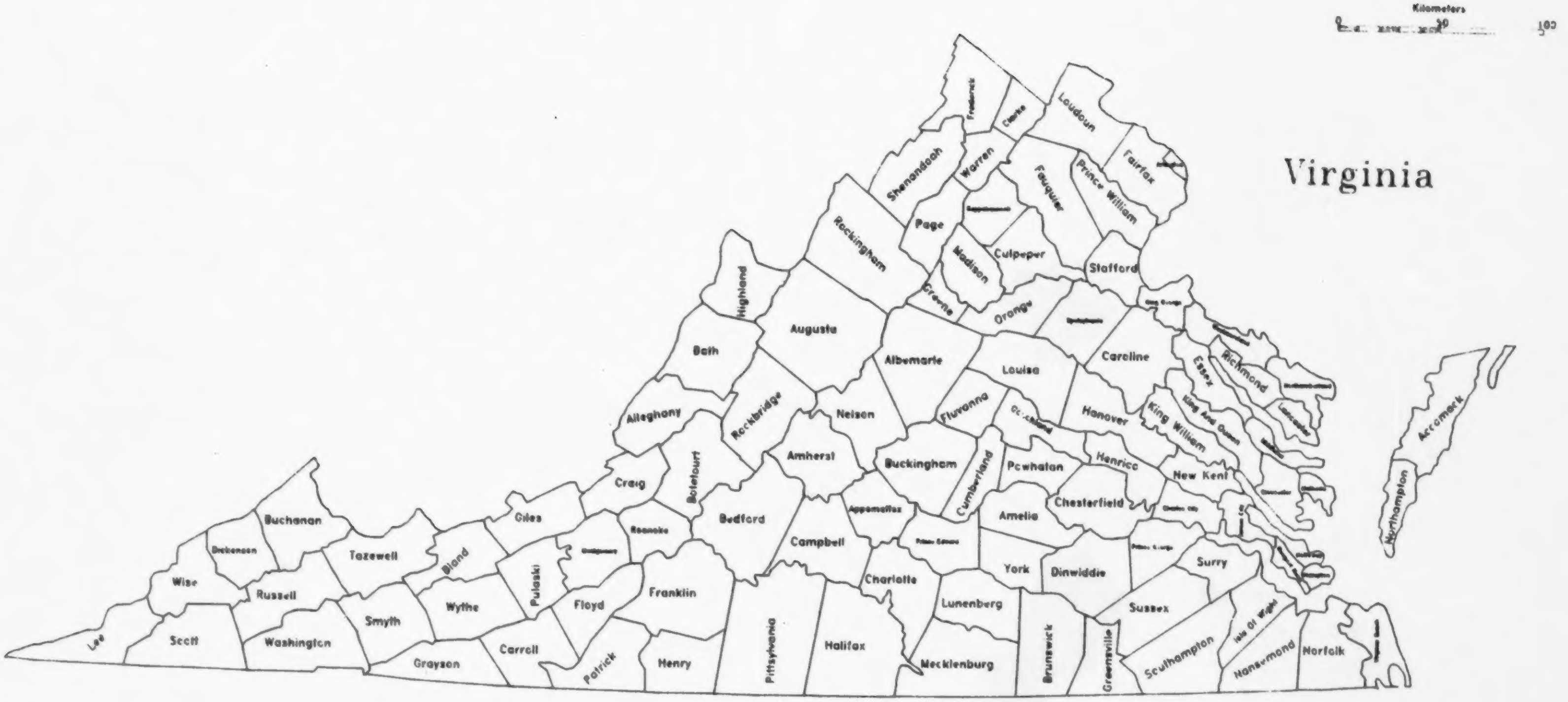
Promulgated List of SO2 Non-Attaining Counties - 1983

Pennsylvania
Primary NAAQS
Not Attained
▨ In Entire County
☐ In Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties - 1983


Pennsylvania
Primary NAAQS
Not Attained
■ In Entire County
☐ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983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50
100
Virginia
Frederick
Clarke
Loudoun
Fairfax
Shenandoah
Warren
Fauquier
Prince William
Page
Rockingham
Culpeper
Madison
Stafford
Greene
Orange
Highland
Augusta
Caroline
Bath
Albemarle
Louisa
Essex
Richmond
Alleghany
Rockbridge
Nelson
Fluvanna
Goochland
Hanover
King William
King And Queen
Lancaster
Accomack
Amherst
Buckingham
Cumberland
Powhatan
Henrico
New Kent
Craig
Botetourt
Appomattox
Chesterfield
Northampton
Buchanan
Giles
Bedford
Amelia
Roanoke
Dickenson
Tazewell
Campbell
Prince Edward
Surry
Bland
Wise
Russell
Pulaski
Charlotte
York
Dinwiddie
Prince George
Wythe
Floyd
Franklin
Lunenberg
Sussex
Isle Of Wight
Smyth
Lee
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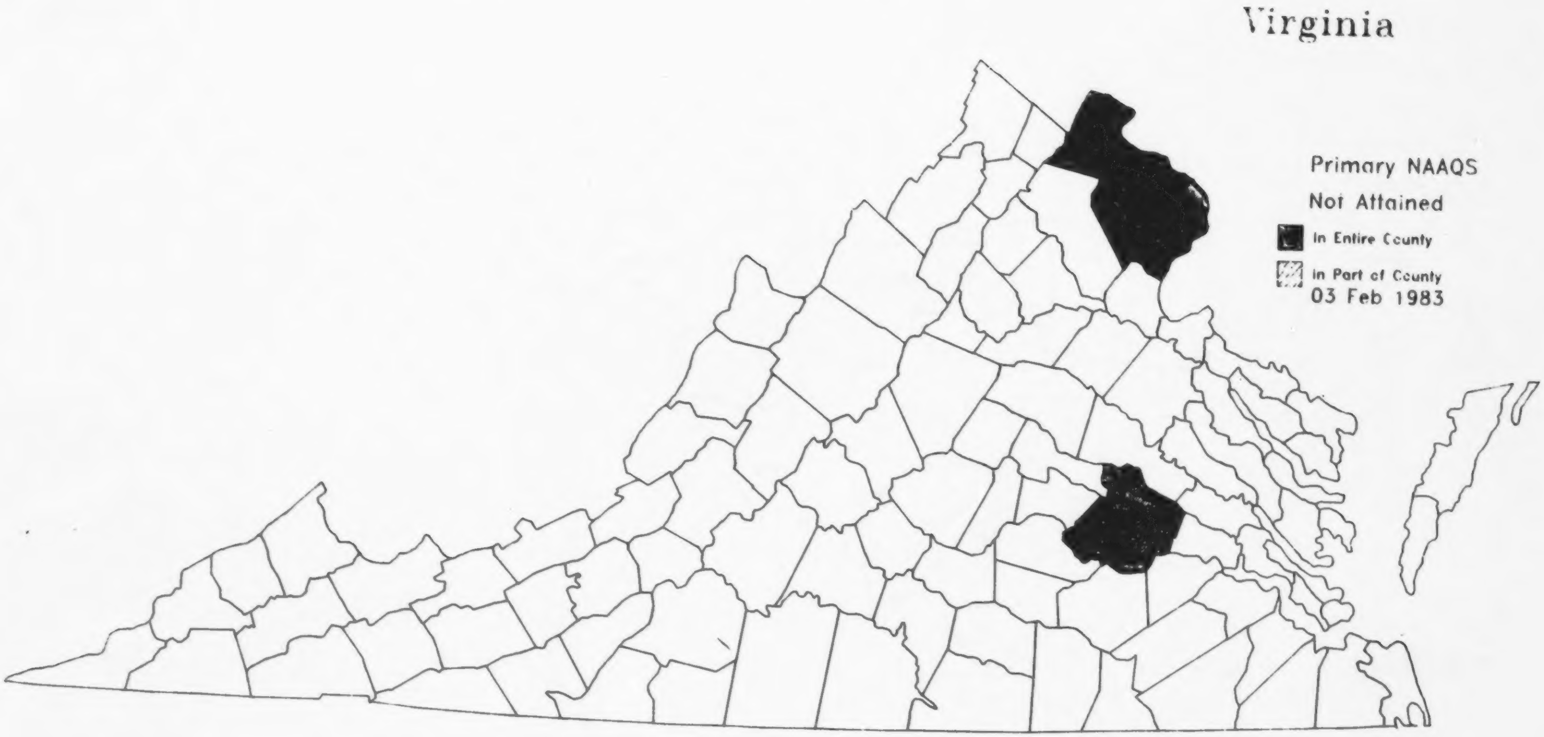
Brunswick
Greensville
Southampton
Nansemond
Norfolk
Grayson
Patrick
Henry
Mecklenburg

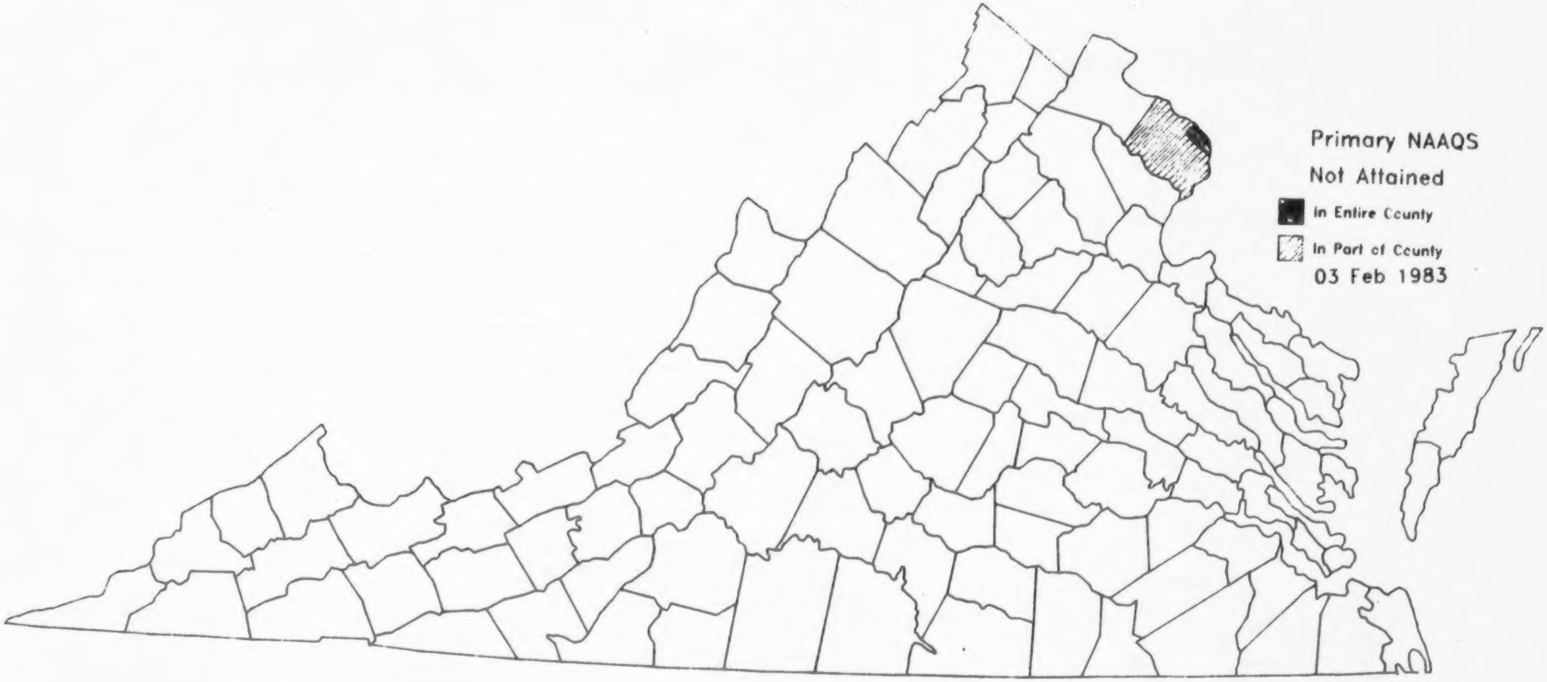


Virginia

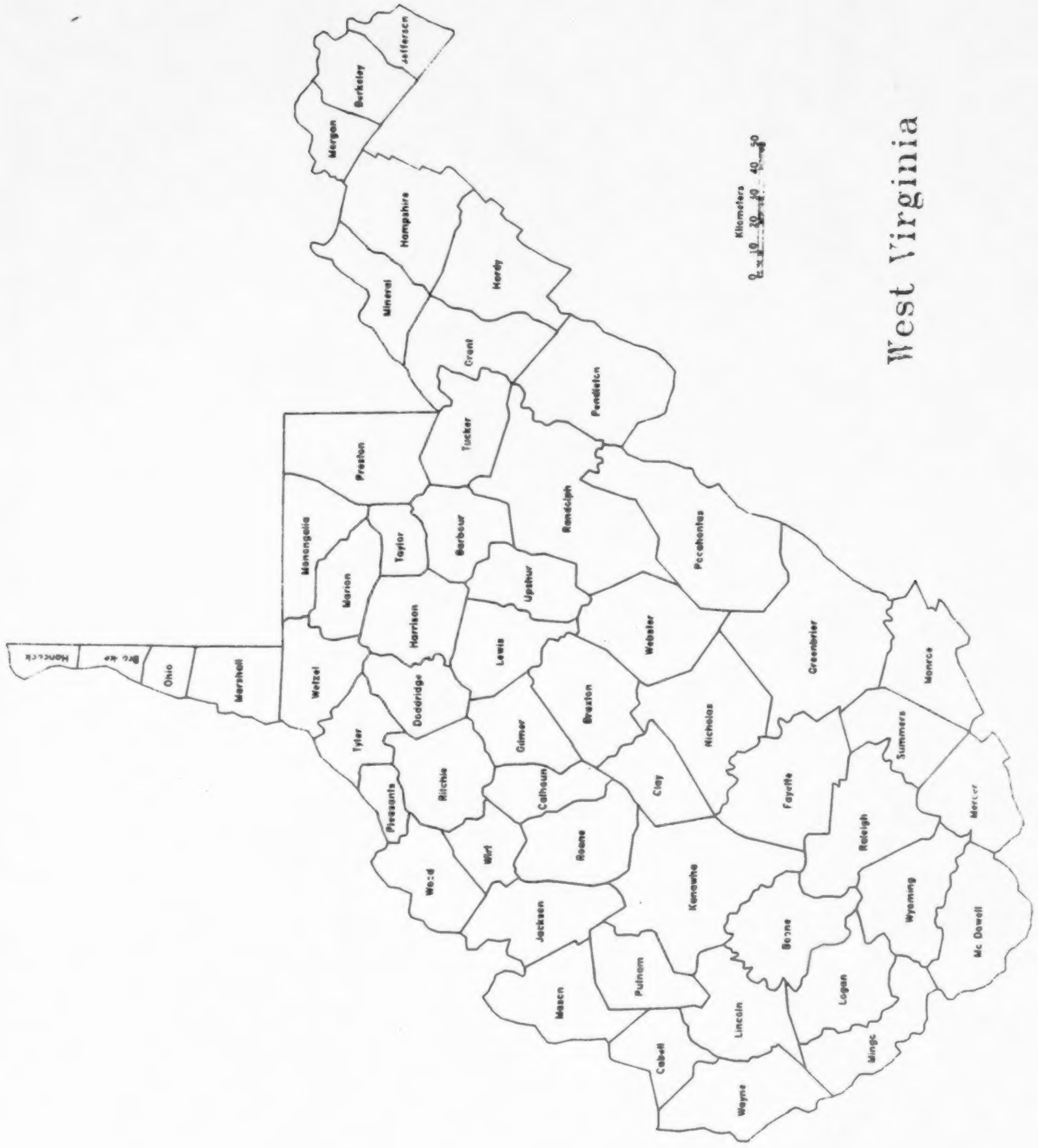
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of O_3 Non-Attaining Counties -- 1983

Virginia


Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non--Attaining Counties -- 1983


West Virginia
Kilometers
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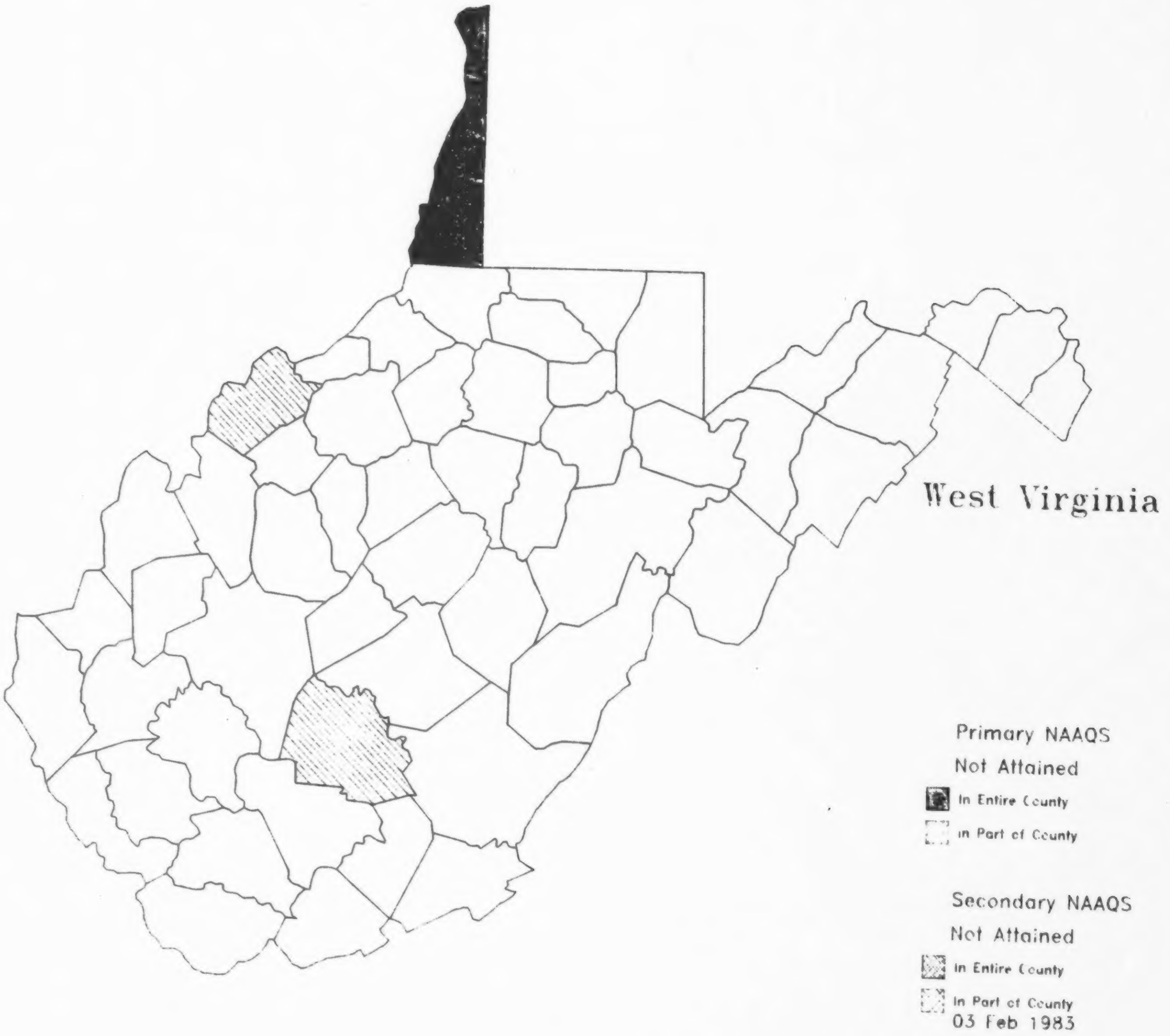
Hancock
Brooke
Ohio
Marshall
Wetzel
Tyler
Pleasants
Wood
Wirt
Jackson
Mason
Cabell
Wayne
Putnam
Lincoln
Mingo
Logan
Boone
Kanawha
Roane
Calhoun
Ritchie
Doddridge
Gilmer
Braxton
Clay
Nicholas
Fayette
Raleigh
Wyoming
Mc Dowell
Mercer
Summers
Monroe
Greenbrier
Pocahontas
Webster
Lewis
Upshur
Randolph
Barbour
Harrison
Taylor
Marion
Monongalia
Preston
Tucker
Grant
Pendleton
Mineral
Hardy
Hampshire
Morgan
Berkeley
Jefferson


West Virginia
Primary NAAQS
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In Entire County
In Part of County
Secondary NAAQS
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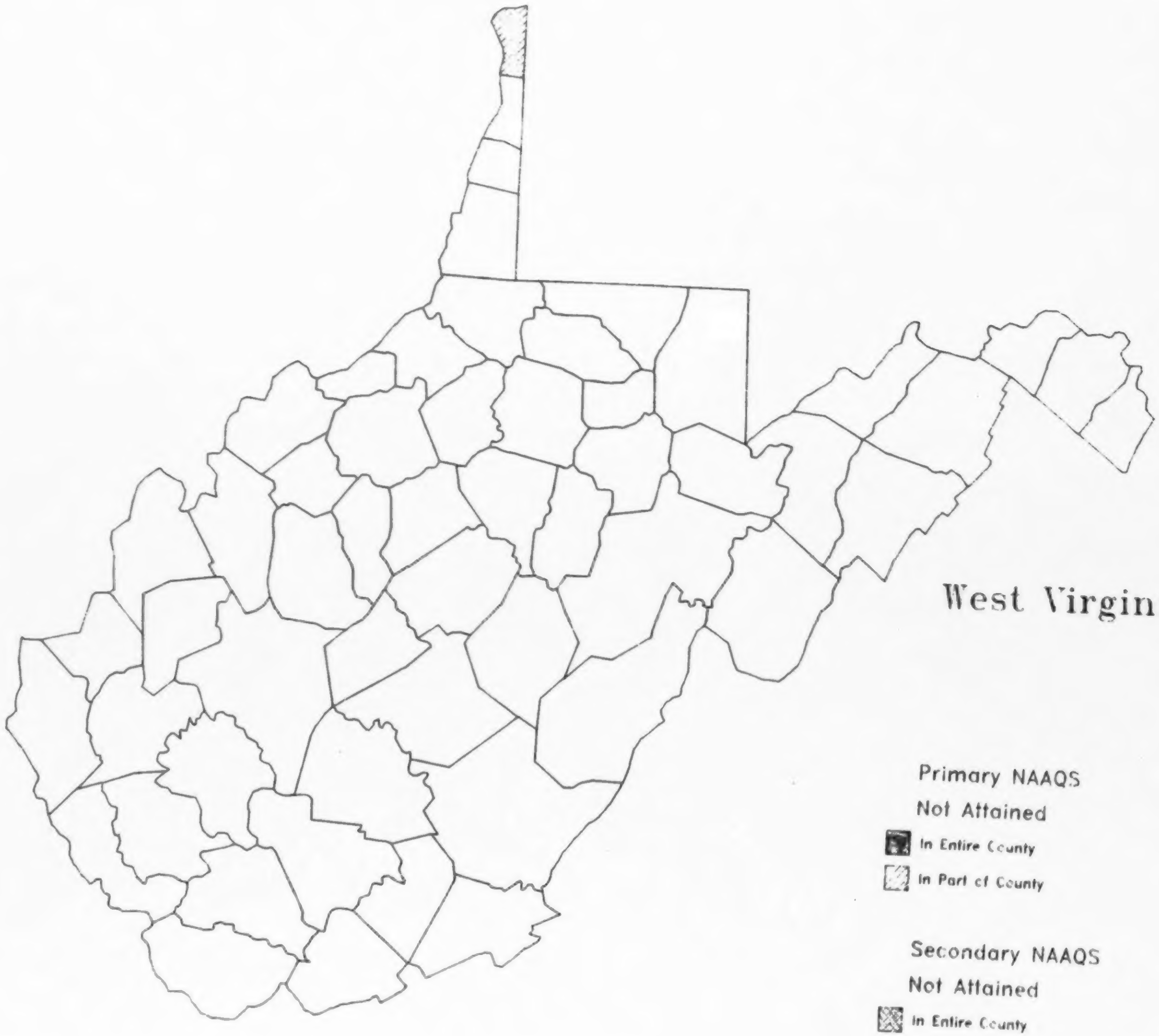
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983



West Virginia

Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County

Secondary NAAQS
Not Attained
▩ In Entire County
▧ In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties -- 1983

Region IV

Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee

Air Programs Branch
EPA Region IV
345 Courtland, N.E.
Atlanta, Georgia 30308
(404) 881-3043
FTS: 257-3043

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR ALABAMA

		T S P		S O 2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	C O	NOX	O Z
Colbert Co	54,519				P			
Etowah Co	103,057	P						W
Jackson Co	51,407			P				
Jefferson Co	671,324	P						W
Lauderdale Co	80,546				P			
Mobile Co	364,980	P						W
Russell Co	47,356							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR FLORIDA

		T S P		S O 2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	C O	NOX	O Z
Broward Co	1,018,200							W
Dade Co	1,625,781							W
Duval Co	571,003		P					W
Hillsborough Co	646,960		P					W
Orange Co	471,016							W
Palm Beach Co	576,863							W
Pinellas Co	728,531			P				W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR GEORGIA

		T S P		S O 2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	C O	NOX	O Z
Clayton Co	150,357					P		W
Cobb Co	297,718							W
Coweta Co	39,268							W
De Kalb Co	483,024					P		W
Douglas Co	54,573							W
Fayette Co	29,043							W
Fulton Co	589,904					P		W
Gwinnett Co	166,903							W
Henry Co	36,309							W
Muscogee Co	170,108							W
Paulding Co	26,110							W
Rockdale Co	36,747							W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR KENTUCKY

COUNTY	POPULATION	T S P PRIM	T S P SEC	S O 2 PRIM	S O 2 SEC	C O	NOX	O Z
Bell Co	34,330	P						
Boone Co	45,642							W
Boyd Co	55,513	W		W				W
Bullitt Co	43,346	P						
Campbell Co	83,317	P						W
Daviess Co	85,949	P						
Fayette Co	204,165							W
Henderson Co	40,649	P						
Jefferson Co	684,565	W		W		W		W
Kenton Co	137,058							W
Lawrence Co	14,121	P						
Mc Cracken Co	61,310	W						
Madison Co	53,352	P						
Marshall Co	25,637		W					
Muhlenberg Co	32,238			W				
Perry Co	33,763	P						
Pike Co	81,123	P						
Whitley Co	33,396	P						

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MISSISSIPPI

COUNTY	POPULATION	T S P PRIM	T S P SEC	S O 2 PRIM	S O 2 SEC	C O	NOX	O Z
Jones Co	61,912	P						

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NORTH CAROLINA

COUNTY	POPULATION	T S P PRIM	T S P SEC	S O 2 PRIM	S O 2 SEC	C O	NOX	O Z
Mecklenburg Co	404,270					W		W

P = PART OF THE COUNTY W = THE WHOLE COUNTY

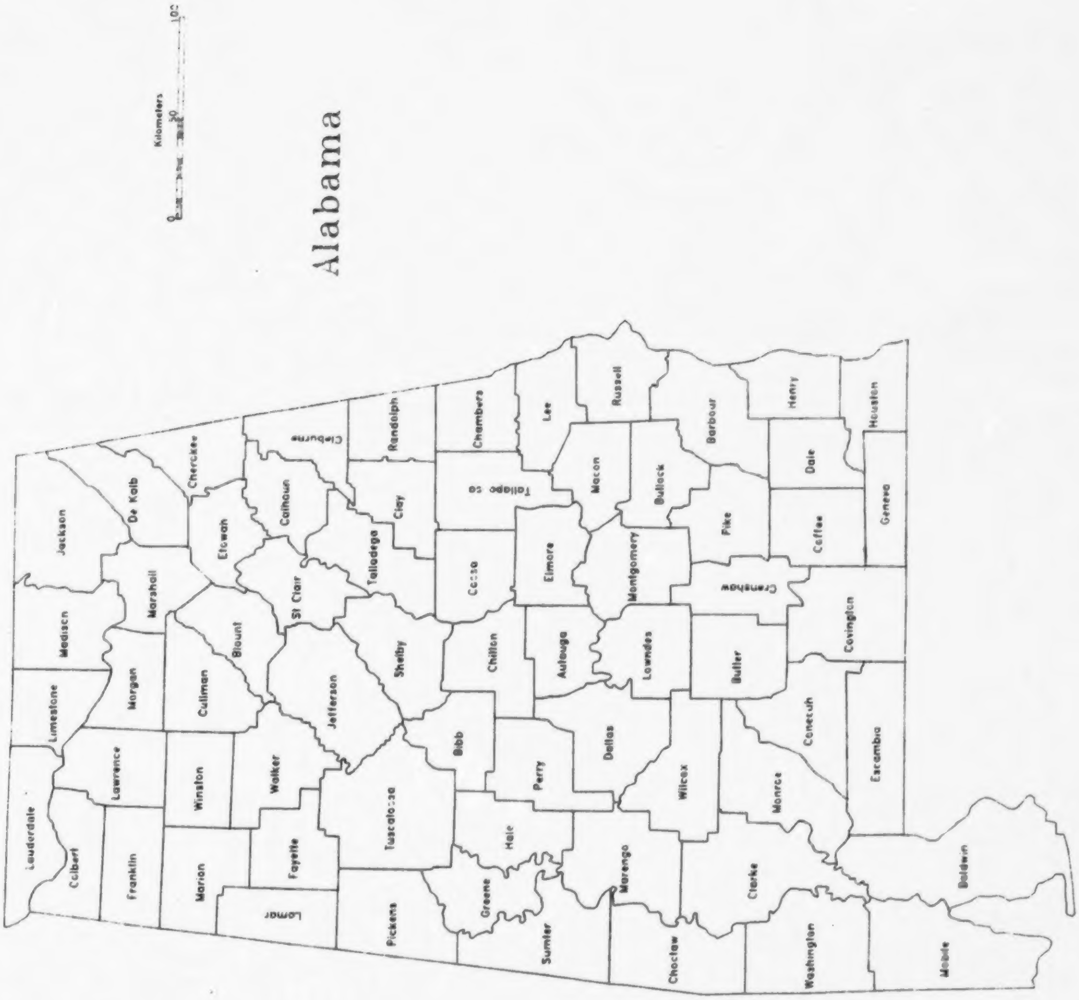
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR SOUTH CAROLINA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	OZ
Berkeley Co	94,727							W
Charleston Co	276,974	P						W
Georgetown Co	42,461	P						
Lexington Co	140,353							W
Richland Co	269,735					P		W
York Co	106,720							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR TENNESSEE

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	OZ
Benton Co	14,901			P				
Bradley Co	67,547							W
Campbell Co	34,923	P						
Davidson Co	477,811	P				P		W
Hamilton Co	287,740	P						W
Humphreys Co	15,957			P				
Knox Co	319,694					P		W
Maury Co	51,095							W
Polk Co	13,602			P				
Roane Co	48,425							W
Rutherford Co	84,058							W
Shelby Co	777,113	P				P		W
Sullivan Co	143,968	P						W
Sumner Co	85,790					-		W
Williamson Co	58,108							W
Wilson Co	56,064							W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY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Kilometers
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50
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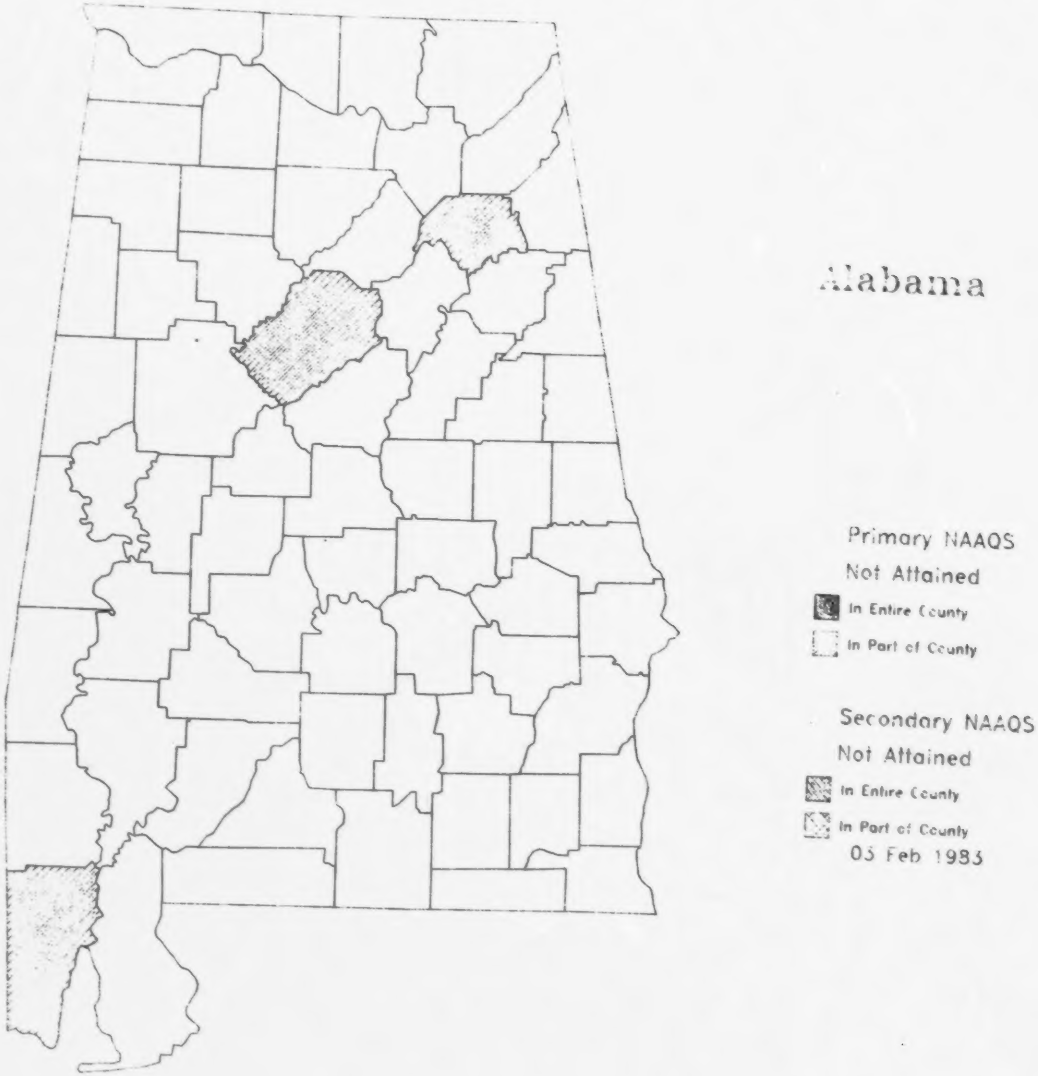
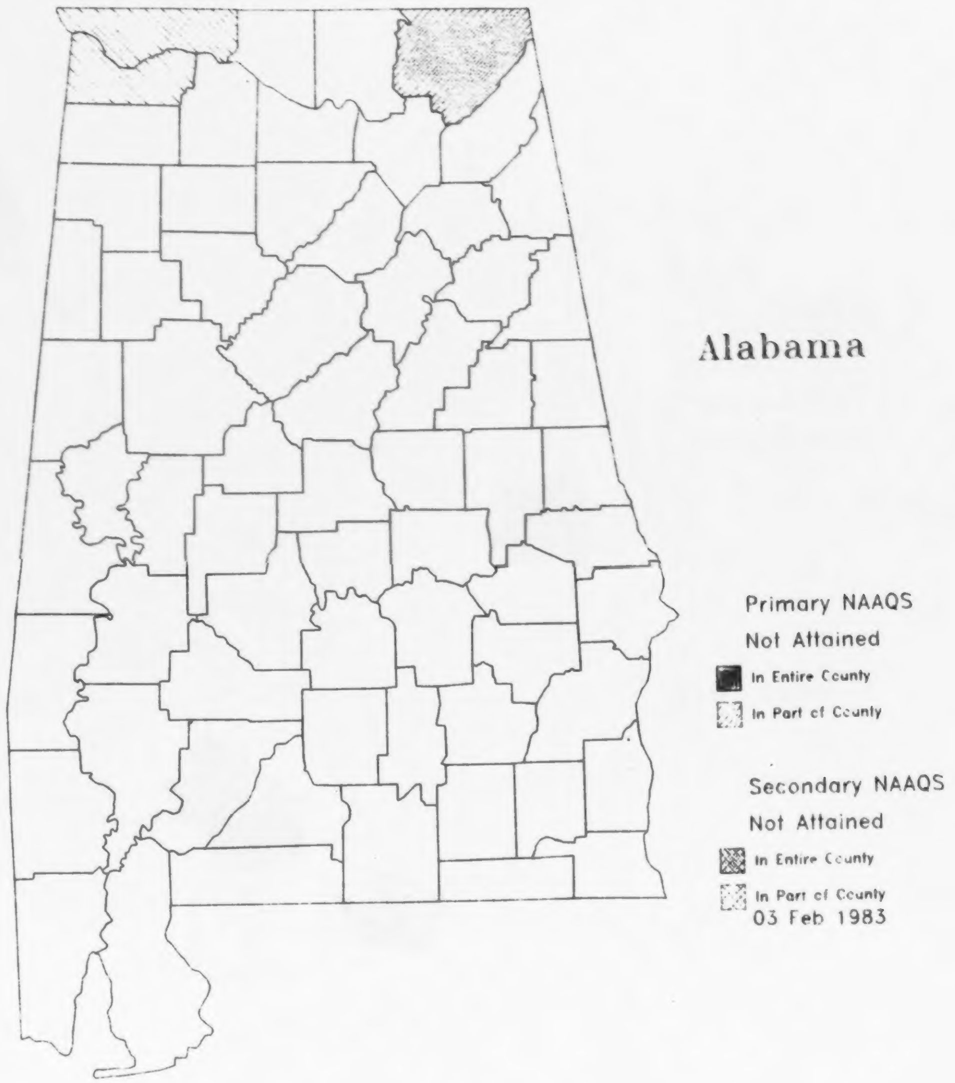
Lauderdale
Limestone
Madison
Jackson
De Kalb
Cherokee
Colbert
Lawrence
Morgan
Marshall
Etowah
Franklin
Winston
Cullman
Blount
Calhoun
Cleburne
Marion
Lamar
Fayette
Walker
Jefferson
St Clair
Talladega
Clay
Randolph
Pickens
Tuscaloosa
Bibb
Shelby
Chilton
Coosa
Tallapoosa
Chambers
Greene
Hale
Sumter
Perry
Dallas
Autauga
Elmore
Lee
Macon
Russell
Marengo
Choctaw
Wilcox
Lowndes
Montgomery
Bullock
Barbour
Clarke
Washington
Monroe
Butler
Crenshaw
Pike
Dale
Henry
Conecuh
Coffee
Houston
Covington
Geneva
Escambia
Baldwin
Mobile


Alabama
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties - 1983


Alabama
Primary NAAQS
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In Part of County
Secondary NAAQS
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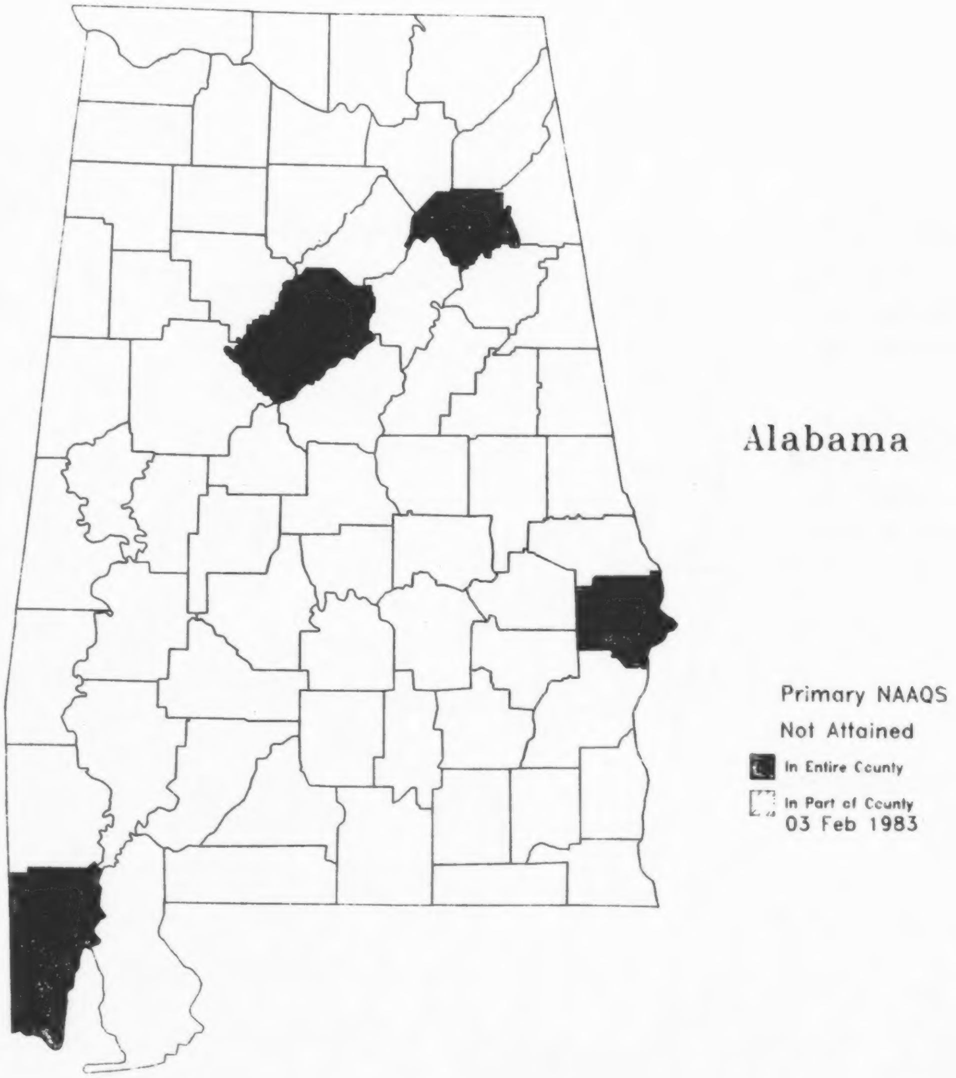
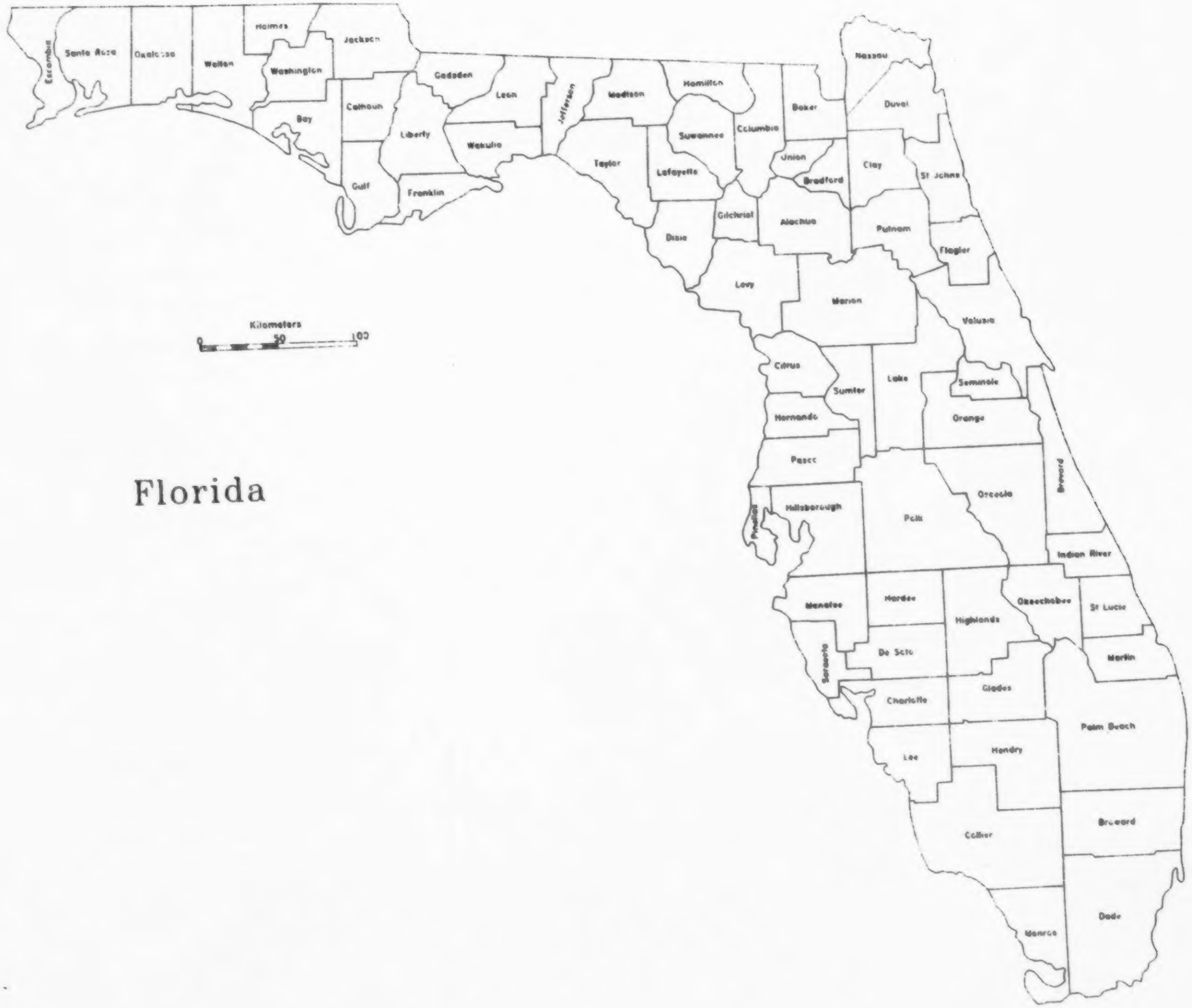
In Entire County
In Part of County
03 Feb 1983

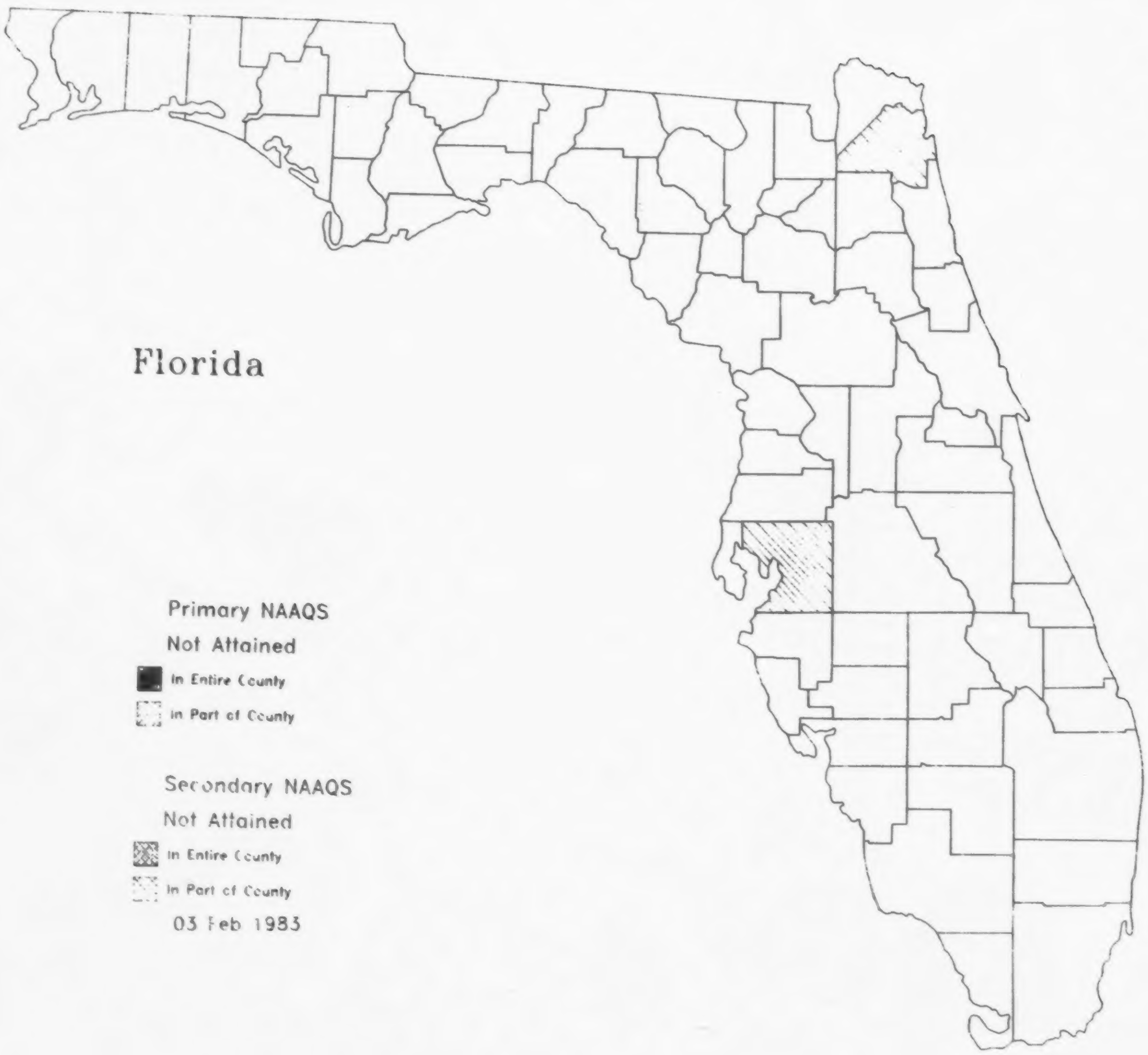
Promulgated List of SO2 Non-Attaining Counties -- 1983


Alabama
Primary NAAQS
Not Attained
■ In Entire County
□ In Part of County
03 Feb 1983

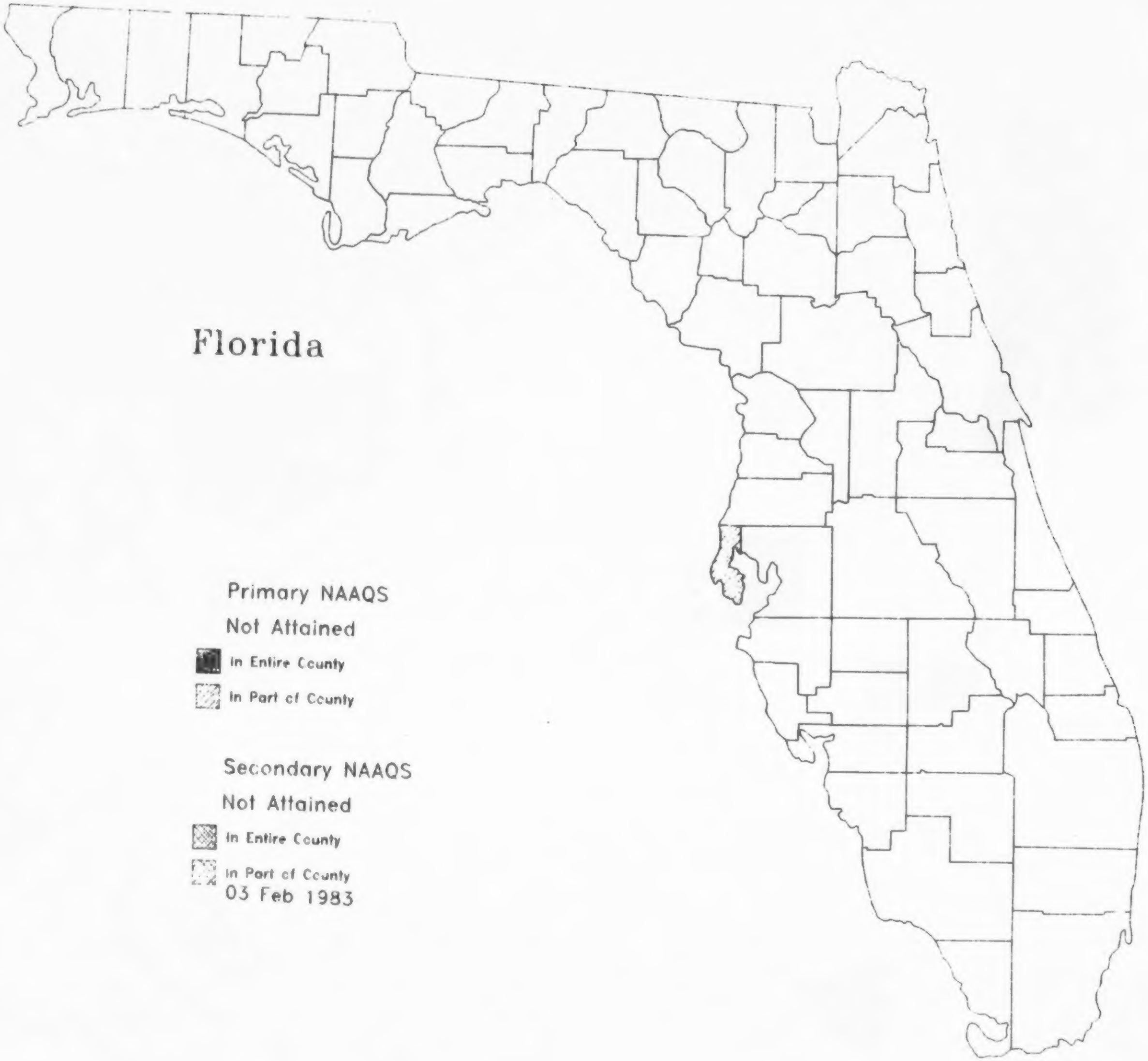
Promulgated List of 03 Non--Attaining Counties - 1983


Escambia
Santa Rosa
Okaloosa
Walton
Holmes
Washington
Jackson
Bay
Calhoun
Gulf
Liberty
Franklin
Gadsden
Leon
Wakulla
Jefferson
Madison
Taylor
Hamilton
Suwannee
Lafayette
Columbia
Baker
Union
Bradford
Nassau
Duval
Clay
St Johns
Putnam
Flagler
Gilchrist
Alachua
Dixie
Levy
Marion
Volusia
Citrus
Sumter
Lake
Seminole
Orange
Hernando
Pasco
Brevard
Osceola
Hillsborough
Pinellas
Polk
Indian River
Manatee
Hardee
Highlands
Okeechobee
St Lucie
De Soto
Sarasota
Martin
Glades
Charlotte
Palm Beach
Lee
Hendry
Collier
Broward
Monroe
Dade
Kilometers
0
50
100

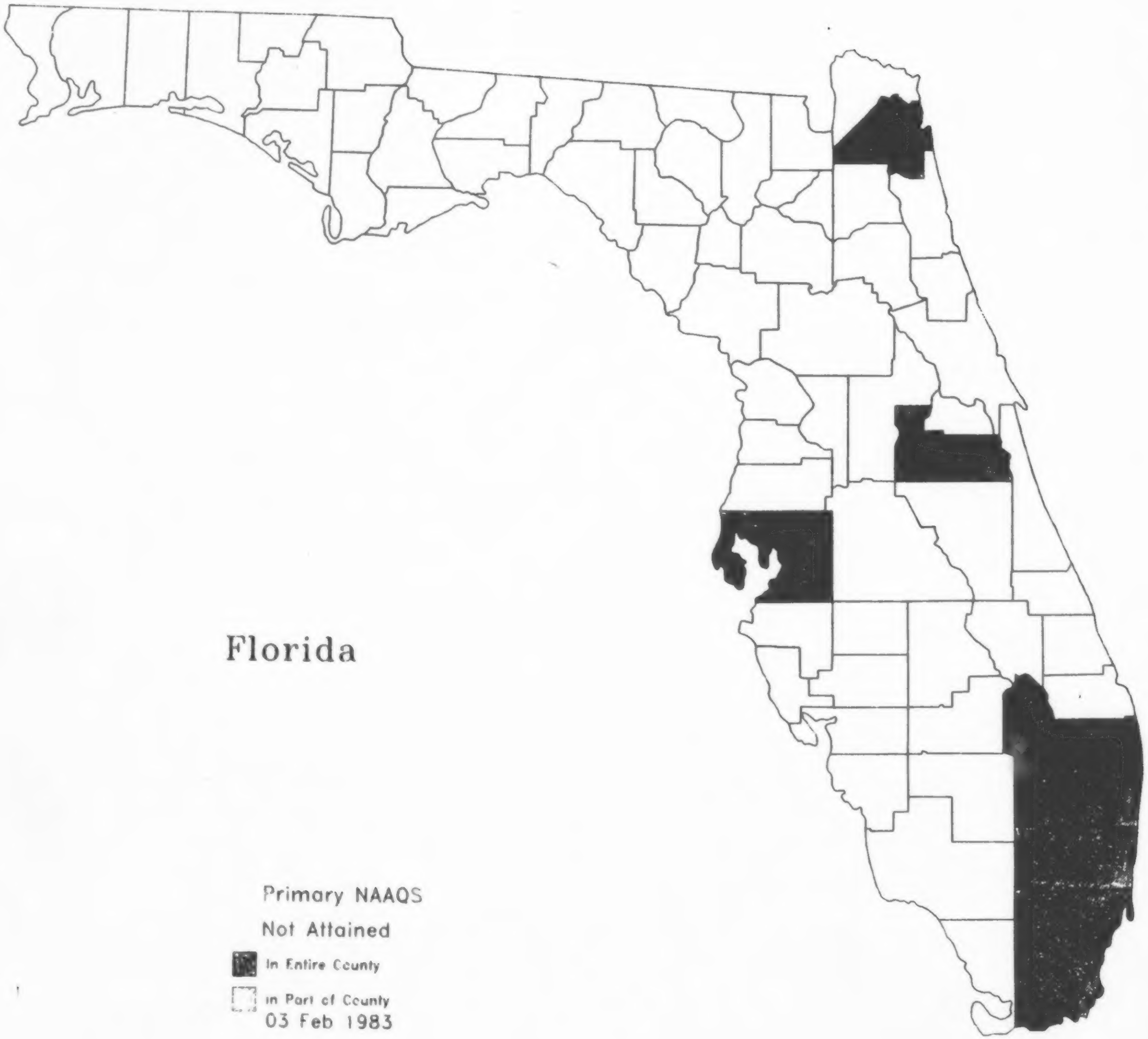
Florida


Florida
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties - 1983


Florida
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties - 1983


Florida
Primary NAAQS
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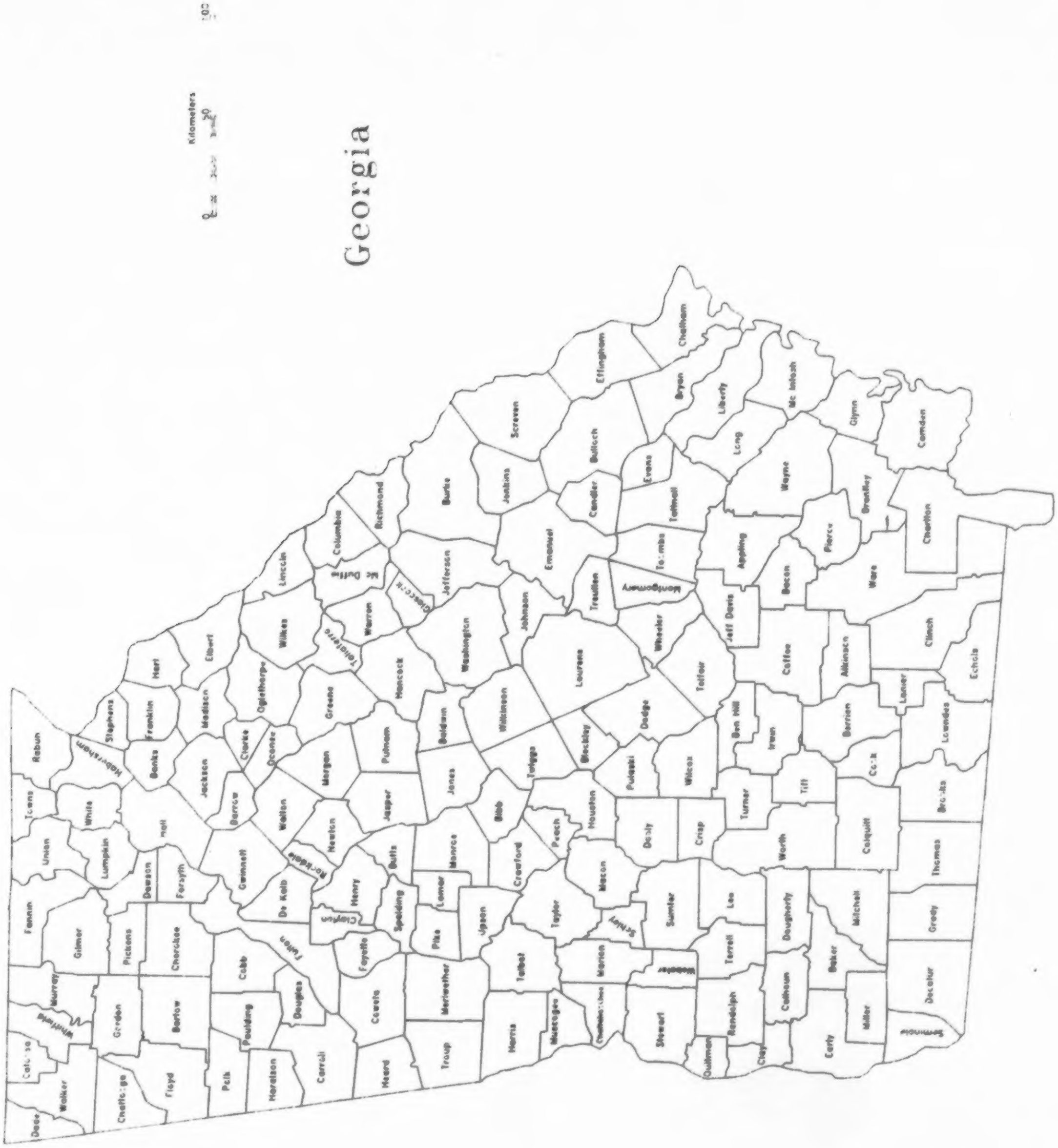
▇ In Entire County
☐ in Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties - 1983



Georgia

Kilometers
0
50
100
Dade
Walker
Catoosa
Whitfield
Murray
Fannin
Union
Towns
Rabun
Habersham
Stephens
White
Lumpkin
Gilmer
Pickens
Dawson
Hall
Banks
Franklin
Hart
Elbert
Madison
Jackson
Chattooga
Gordon
Bartow
Cherokee
Forsyth
Gwinnett
Barrow
Clarke
Oconee
Oglethorpe
Wilkes
Lincoln
Columbia
Richmond
Mc Duffie
Warren
Taliaferro
Greene
Morgan
Walton
Floyd
Polk
Paulding
Cobb
Douglas
Fulton
De Kalb
Rockdale
Newton
Jasper
Putnam
Hancock
Glascock
Jefferson
Burke
Screven
Effingham
Chatham
Bryan
Bulloch
Jenkins
Emanuel
Candler
Evans
Liberty
Long
Mc Intosh
Glynn
Camden
Haralson
Carroll
Heard
Coweta
Fayette
Clayton
Henry
Butts
Spalding
Lamar
Monroe
Jones
Baldwin
Washington
Johnson
Laurens
Wilkinson
Twiggs
Bibb
Pike
Upson
Crawford
Peach
Houston
Bleckley
Dodge
Treutlen
Montgomery
Toombs
Tattnall
Wheeler
Telfair
Jeff Davis
Appling
Wayne
Brantley
Pierce
Bacon
Ware
Charlton
Troup
Meriwether
Talbot
Taylor
Macon
Harris
Muscogee
Chattahoochee
Marion
Schley
Sumter
Dooly
Pulaski
Wilcox
Crisp
Ben Hill
Irwin
Coffee
Atkinson
Clinch
Echols
Lanier
Berrien
Turner
Tift
Cook
Lowndes
Brooks
Stewart
Webster
Quitman
Randolph
Terrell
Lee
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Worth
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Thomas
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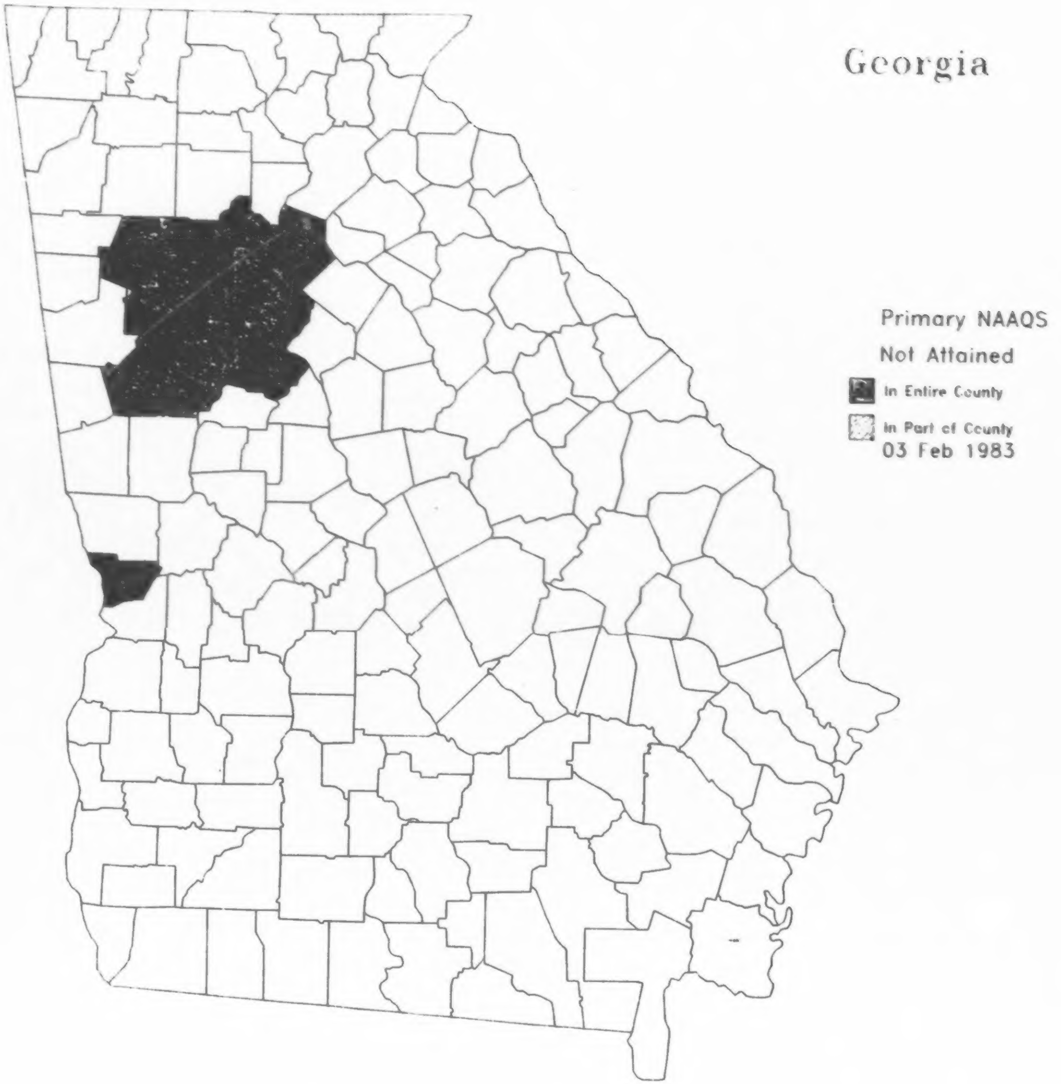
Calhoun
Baker
Mitchell
Grady
Early
Miller
Decatur
Seminole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Primary NAAQS
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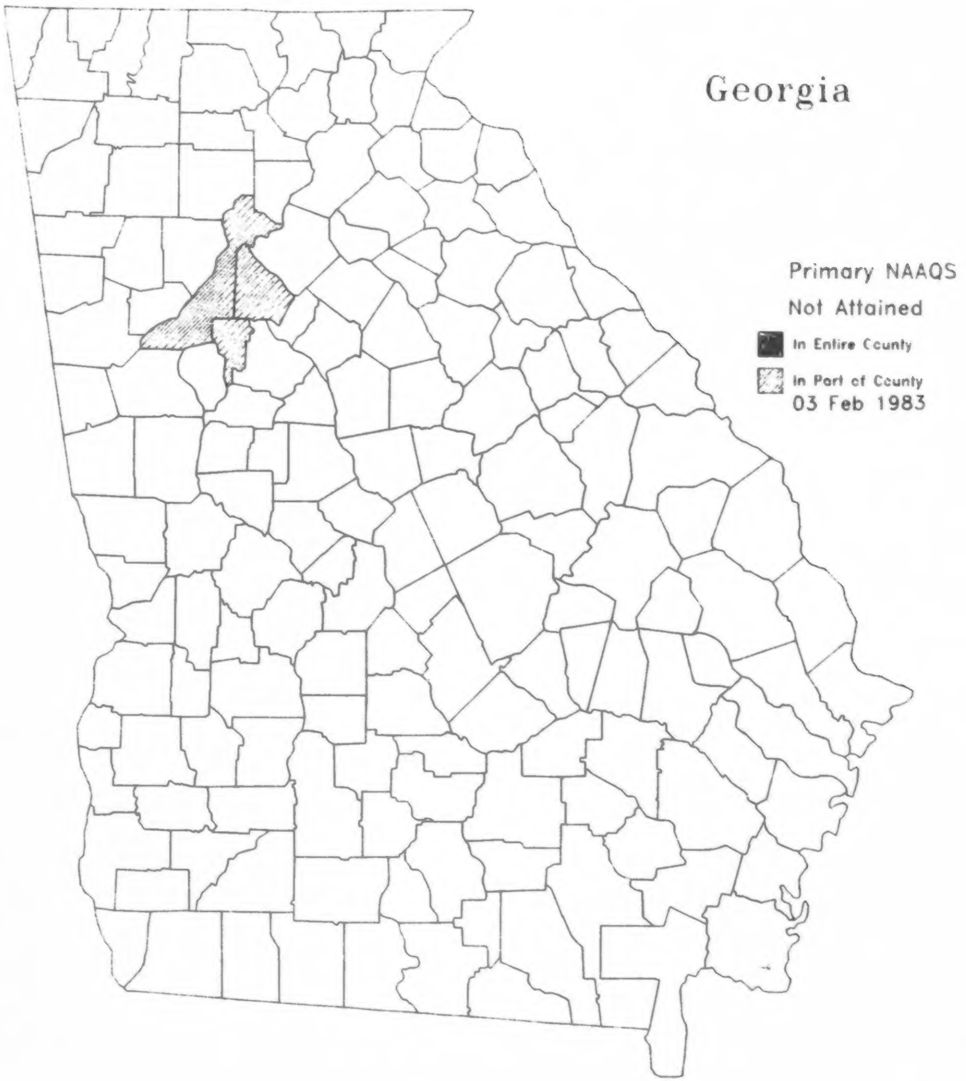
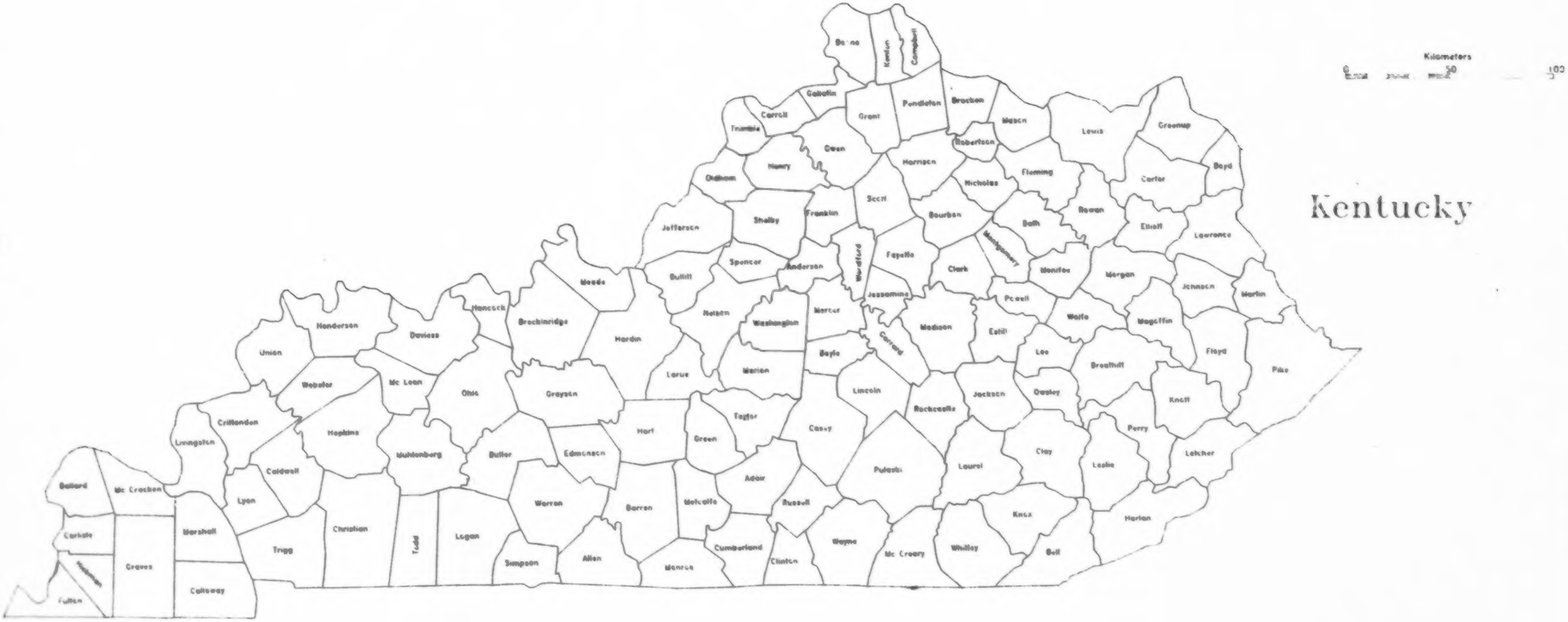
▇ In Entire County
▨ In Part of County
03 Feb 1983

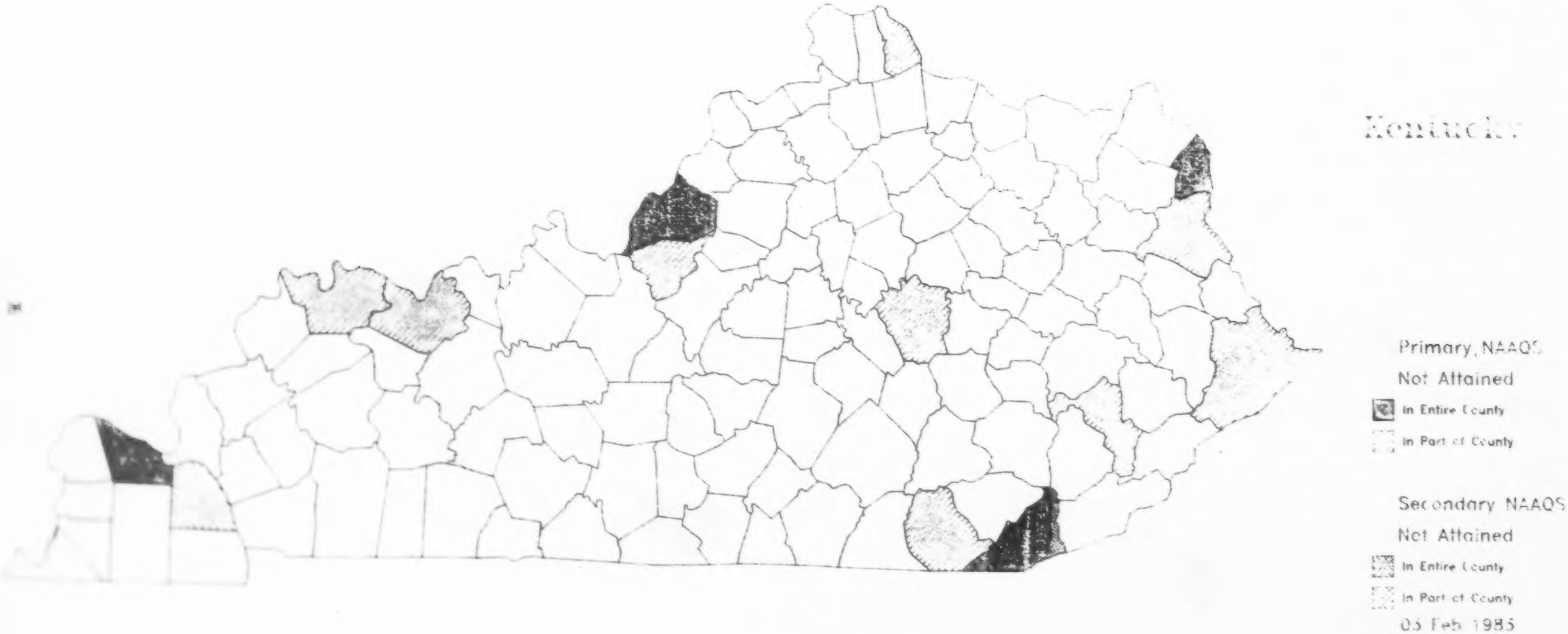
Promulgated List of O_3 Non-Attaining Counties - 1983


Georgia
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

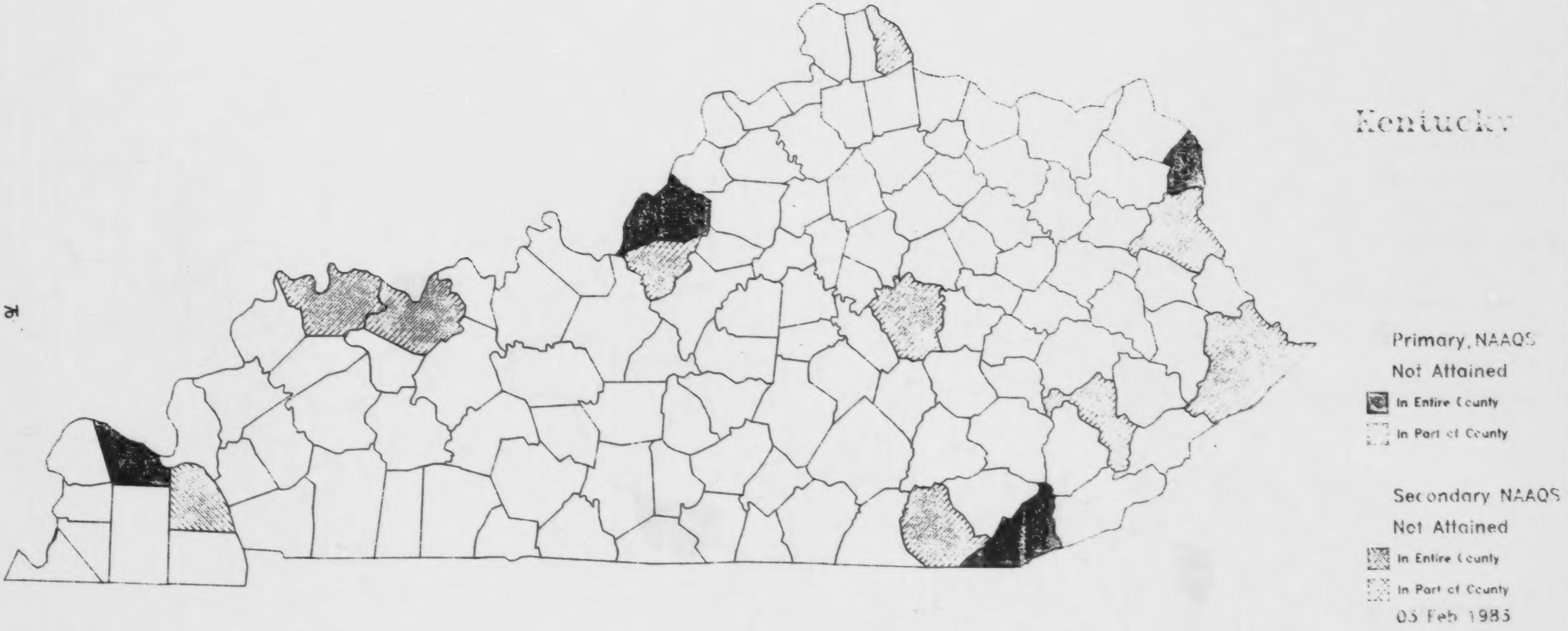
Promulgated List of CO Non--Attaining Counties -- 1983


Kilometers
0
50
100
Boone
Kenton
Campbell
Gallatin
Carroll
Trimble
Grant
Pendleton
Bracken
Mason
Lewis
Greenup
Boyd
Robertson
Harrison
Owen
Henry
Oldham
Nicholas
Fleming
Carter
Scott
Franklin
Shelby
Jefferson
Bourbon
Bath
Rowan
Elliott
Lawrence
Montgomery
Fayette
Woodford
Anderson
Spencer
Bullitt
Meade
Clark
Menifee
Morgan
Johnson
Martin
Jessamine
Powell
Wolfe
Magoffin
Floyd
Pike
Hancock
Breckinridge
Hardin
Nelson
Washington
Mercer
Madison
Estill
Lee
Breathitt
Henderson
Daviess
Union
Webster
Mc Lean
Ohio
Grayson
Larue
Marion
Boyle
Garrard
Jackson
Owsley
Knott
Crittenden
Livingston
Hopkins
Caldwell
Muhlenberg
Butler
Edmonson
Hart
Green
Taylor
Casey
Lincoln
Rockcastle
Perry
Letcher
Ballard
Mc Cracken
Lyon
Marshall
Carlisle
Hickman
Fulton
Graves
Calloway
Trigg
Christian
Todd
Logan
Simpson
Warren
Allen
Barren
Monroe
Metcalfe
Adair
Cumberland
Russell
Clinton
Wayne
Pulaski
Mc Creary
Laurel
Whitley
Clay
Knox
Bell
Leslie
Harlan

Kentucky


Kentucky
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
05 Feb 1985

Promulgated List of TSP Non-Attaining Counties - 1983


Kentucky
Primary, NAAQS
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In Entire County
In Part of County
Secondary NAAQS
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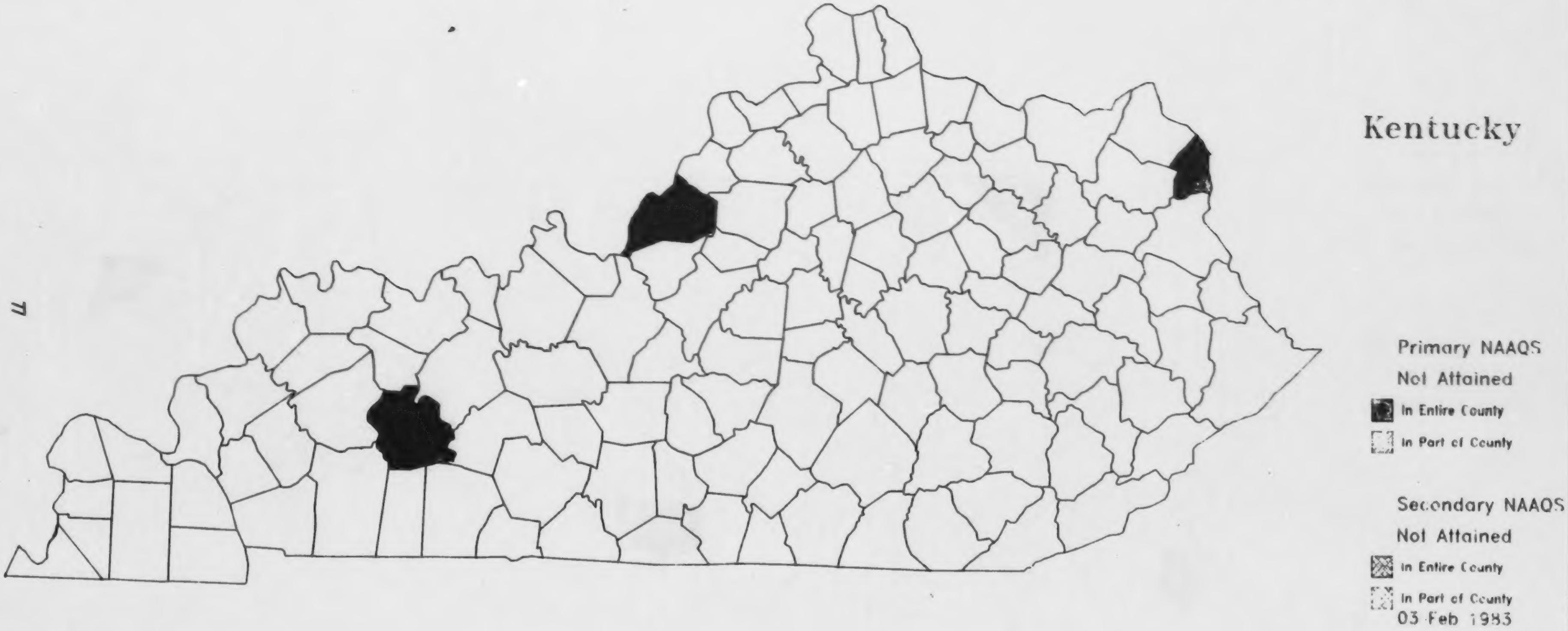
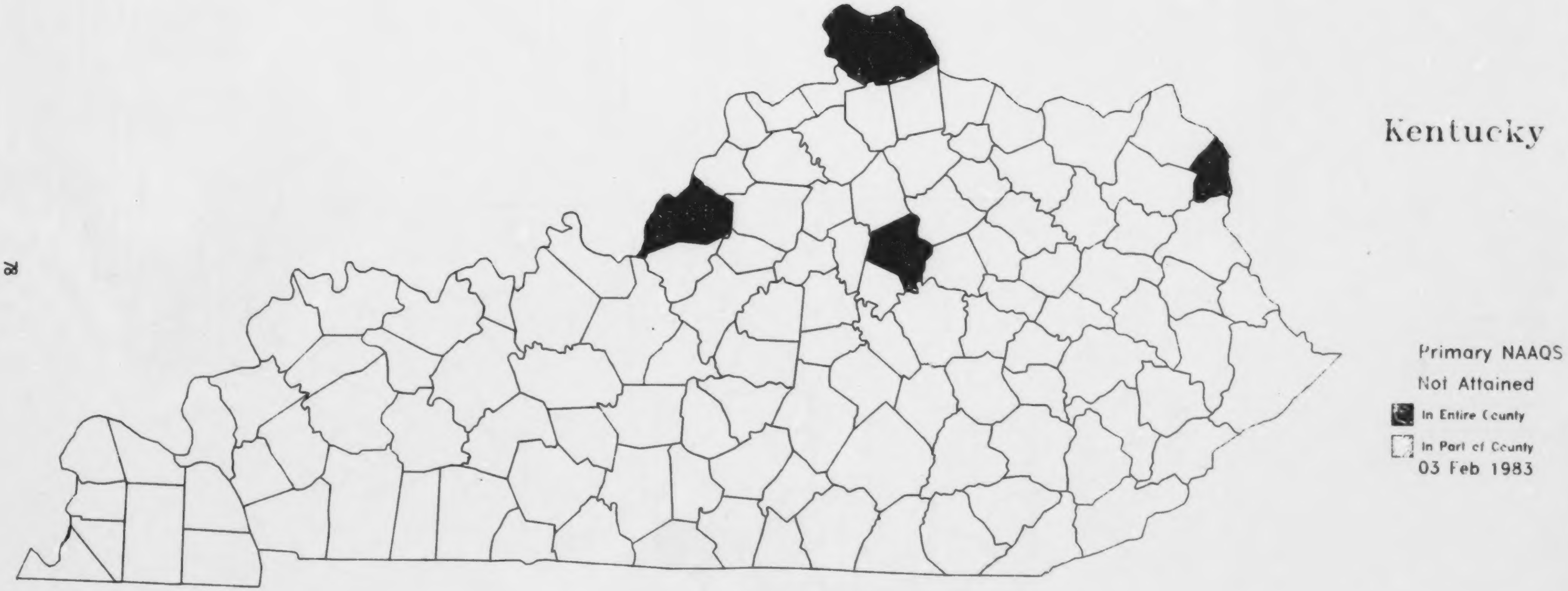
In Part of County
05 Feb 1985

Promulgated List of TSP Non-Attaining Counties - 1983


Kentucky
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties -- 1983

Kentucky


Primary NAAQS
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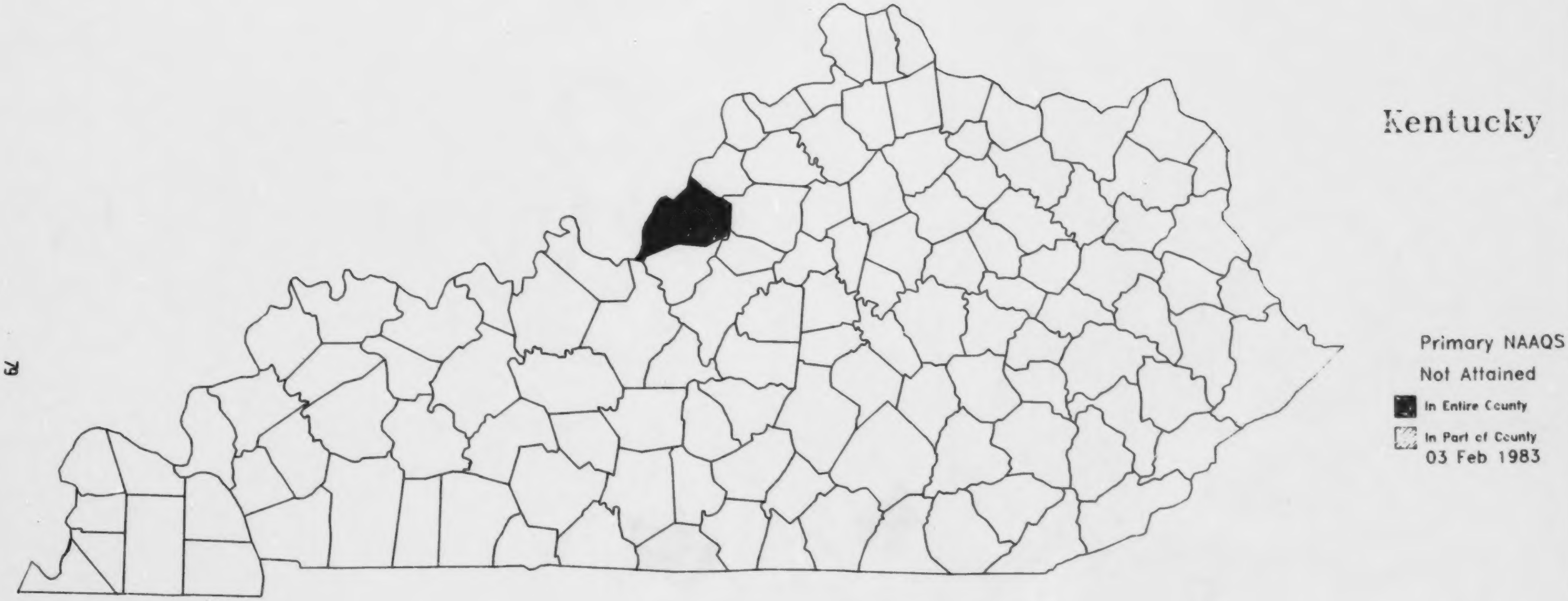
☐ In Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties -- 1983


Kentucky
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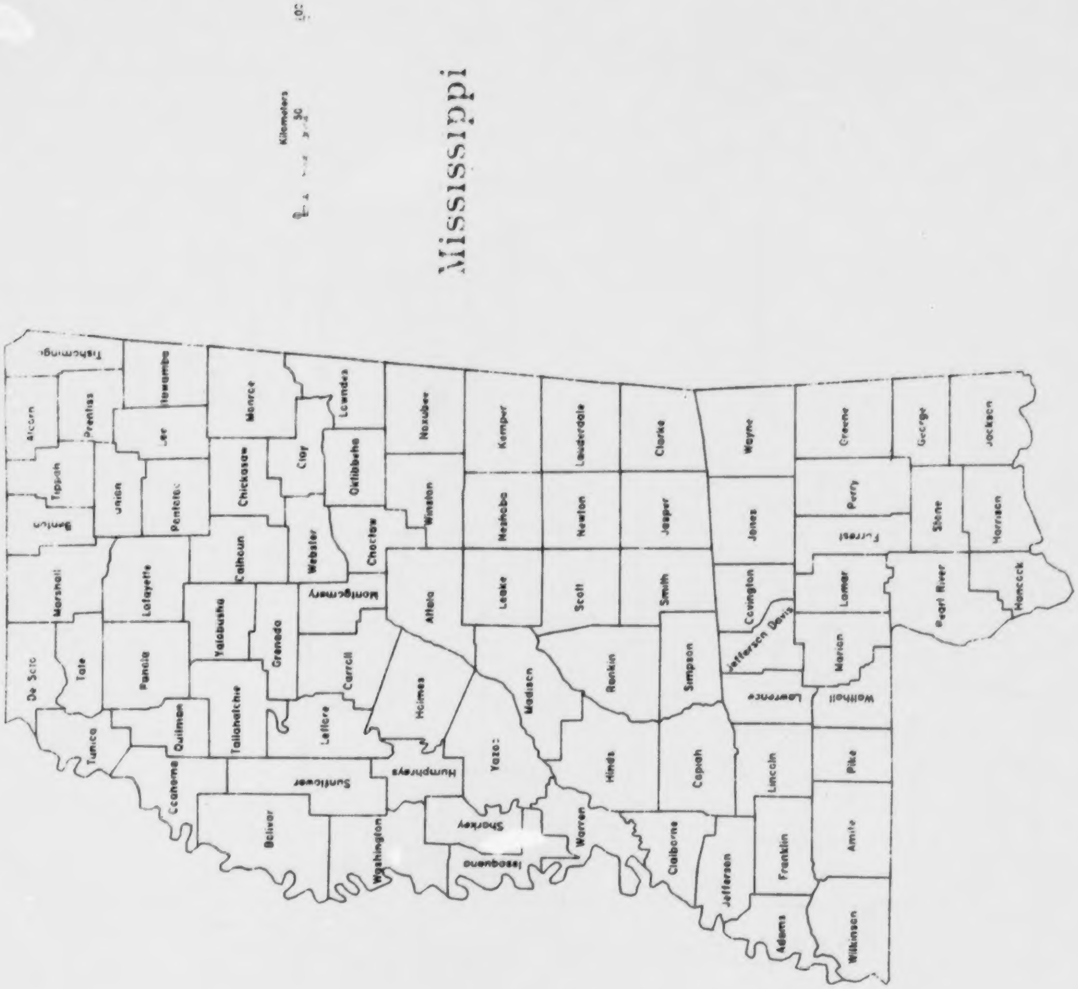
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983


Mississippi
Kilometers
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100
Tishomingo
Alcorn
Prentiss
Itawamba
Lee
Monroe
Lowndes
Noxubee
Kemper
Lauderdale
Clarke
Wayne
Greene
George
Jackson
Tippah
Benton
Union
Pontotoc
Chickasaw
Clay
Oktibbeha
Winston
Neshoba
Newton
Jasper
Jones
Perry
Forrest
Stone
Harrison
Hancock
Pearl River
Lamar
Marshall
Lafayette
Calhoun
Webster
Choctaw
Montgomery
Attala
Leake
Scott
Smith
Covington
Jefferson Davis
Marion
Walthall
Lawrence
De Soto
Tate
Panola
Yalobusha
Grenada
Carroll
Holmes
Madison
Rankin
Simpson
Tunica
Quitman
Tallahatchie
Leflore
Humphreys
Yazoo
Hinds
Copiah
Lincoln
Pike
Coahoma
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Sharkey
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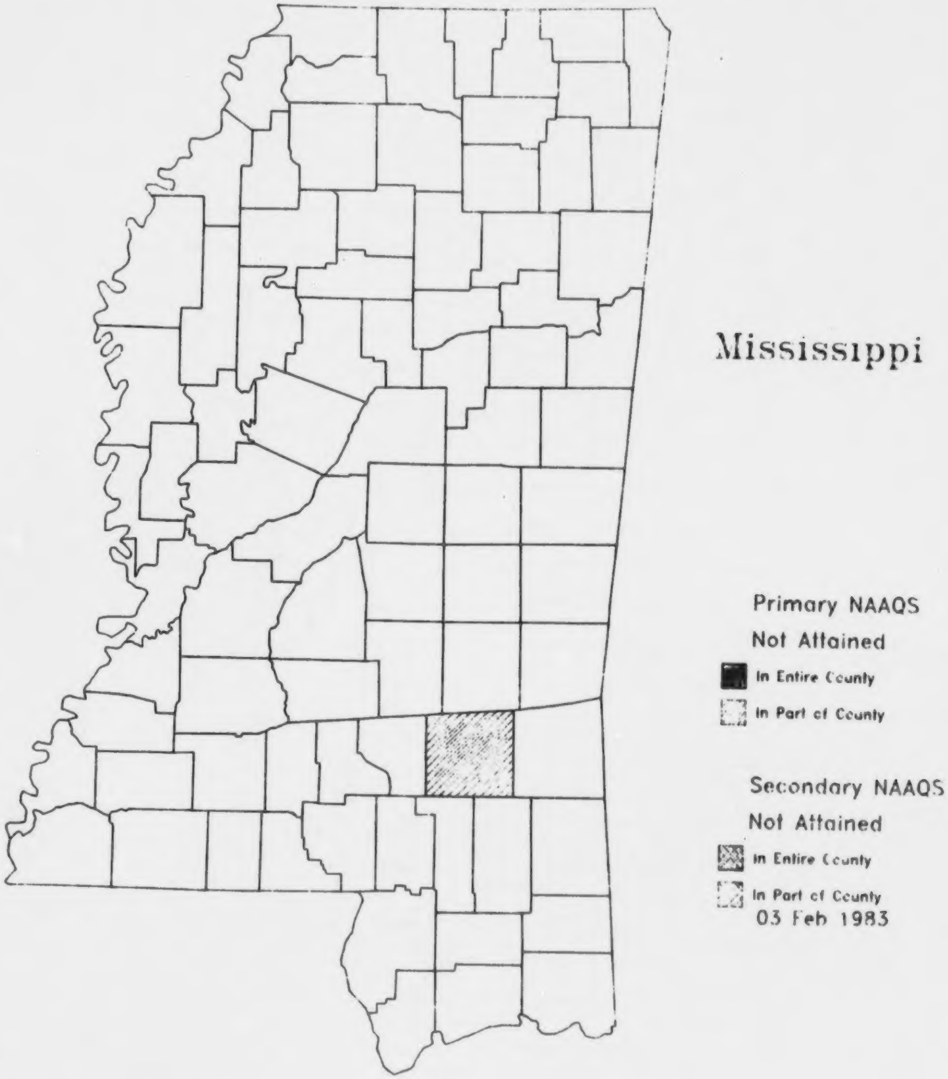
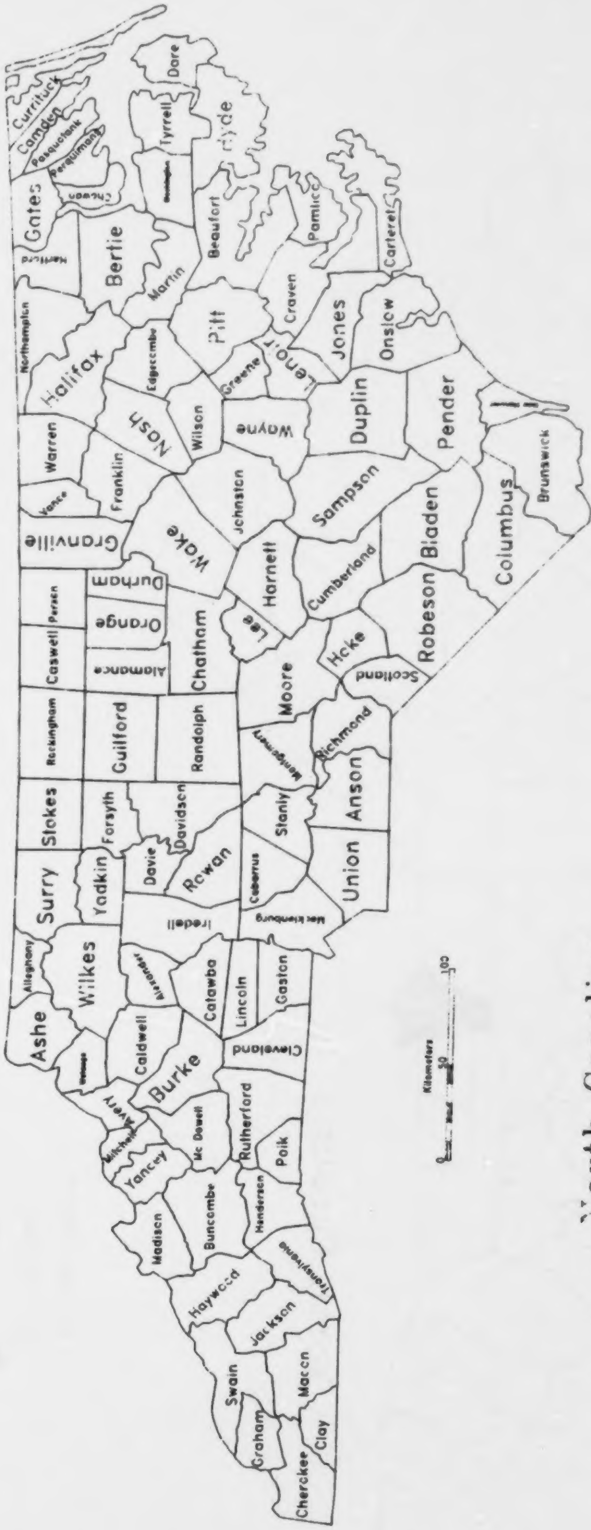
Warren
Claiborne
Jefferson
Franklin
Amite
Adams
Wilkinson


Mississippi
Primary NAAQS
Not Attained
■ In Entire County
⬚ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
⬚ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties - 1983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Pasquotank
Perquimans
Gates
Chowan
Dare
Tyrrell
Washington
Hyde
Hertford
Bertie
Martin
Beaufort
Pamlico
Carteret
Northampton
Halifax
Edgecombe
Pitt
Craven
Jones
Onslow
Greene
Lenoir
Nash
Wilson
Wayne
Duplin
Pender
Warren
Franklin
Johnston
Sampson
Brunswick
Columbus
Vance
Granville
Wake
Bladen
Durham
Harnett
Cumberland
Person
Orange
Lee
Robeson
Caswell
Alamance
Chatham
Hoke
Scotland
Moore
Rockingham
Guilford
Randolph
Montgomery
Richmond
Stokes
Forsyth
Davidson
Stanly
Anson
Surry
Yadkin
Davie
Rowan
Cabarrus
Union
Iredell
Mecklenburg
Alleghany
Wilkes
Alexander
Catawba
Lincoln
Gaston
Ashe
Watauga
Caldwell
Burke
Cleveland
Avery
Mitchell
Mc Dowell
Rutherford
Polk
Yancey
Madison
Buncombe
Henderson
Transylvania
Haywood
Jackson
Swain
Macon
Graham
Clay
Cherokee
Kilometers
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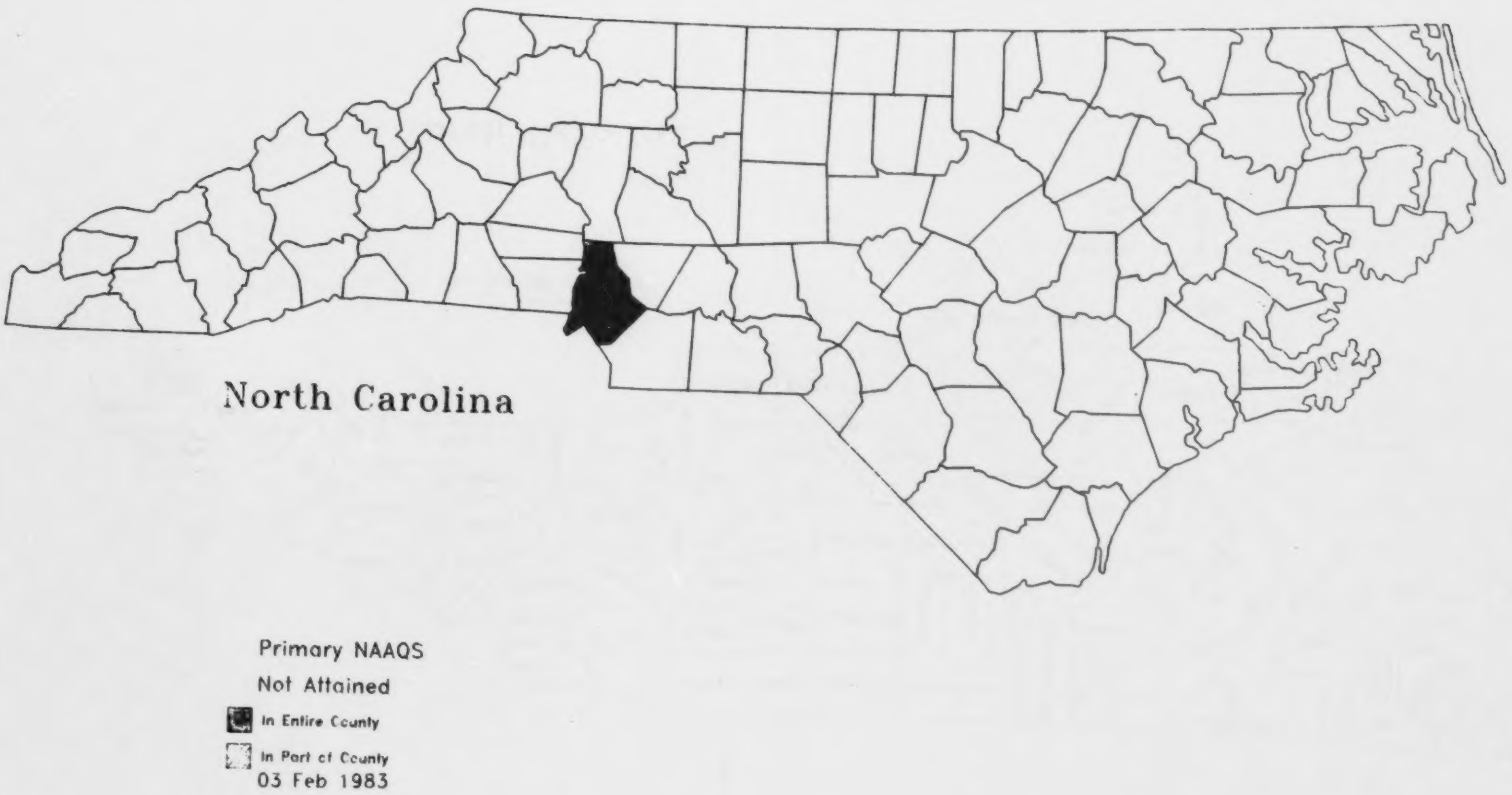
50
100

North Carolina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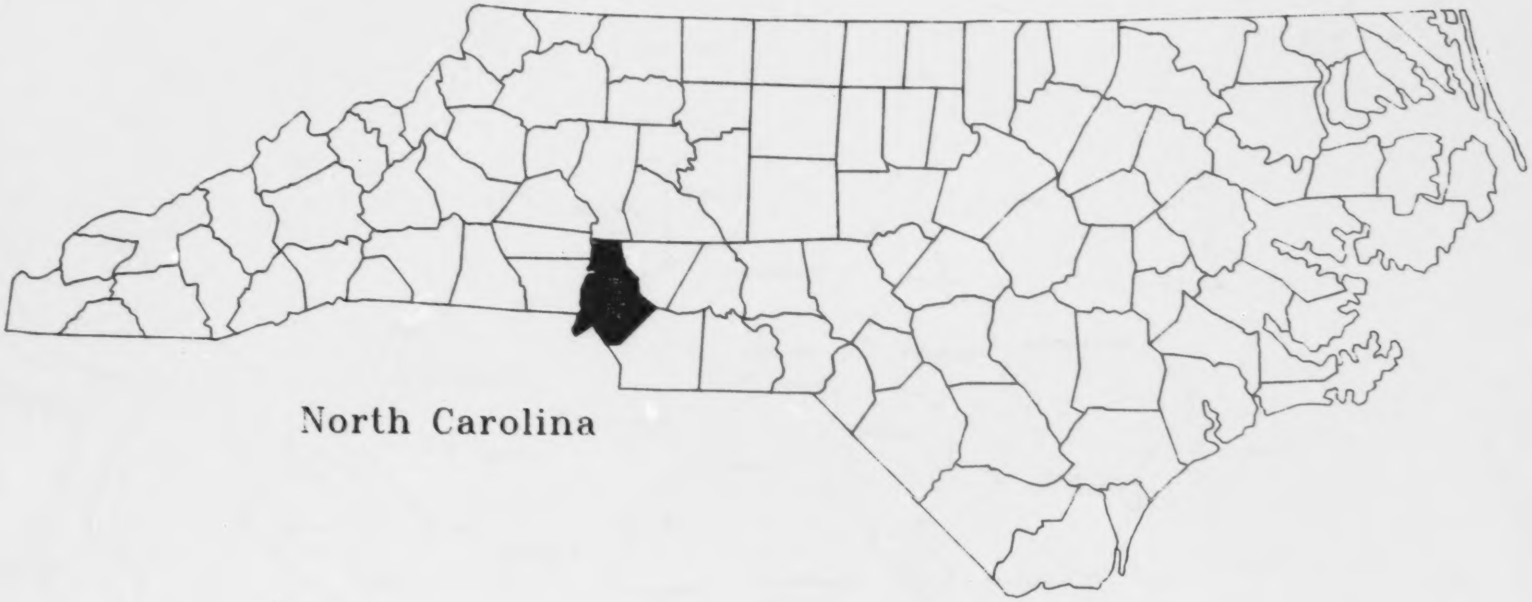
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

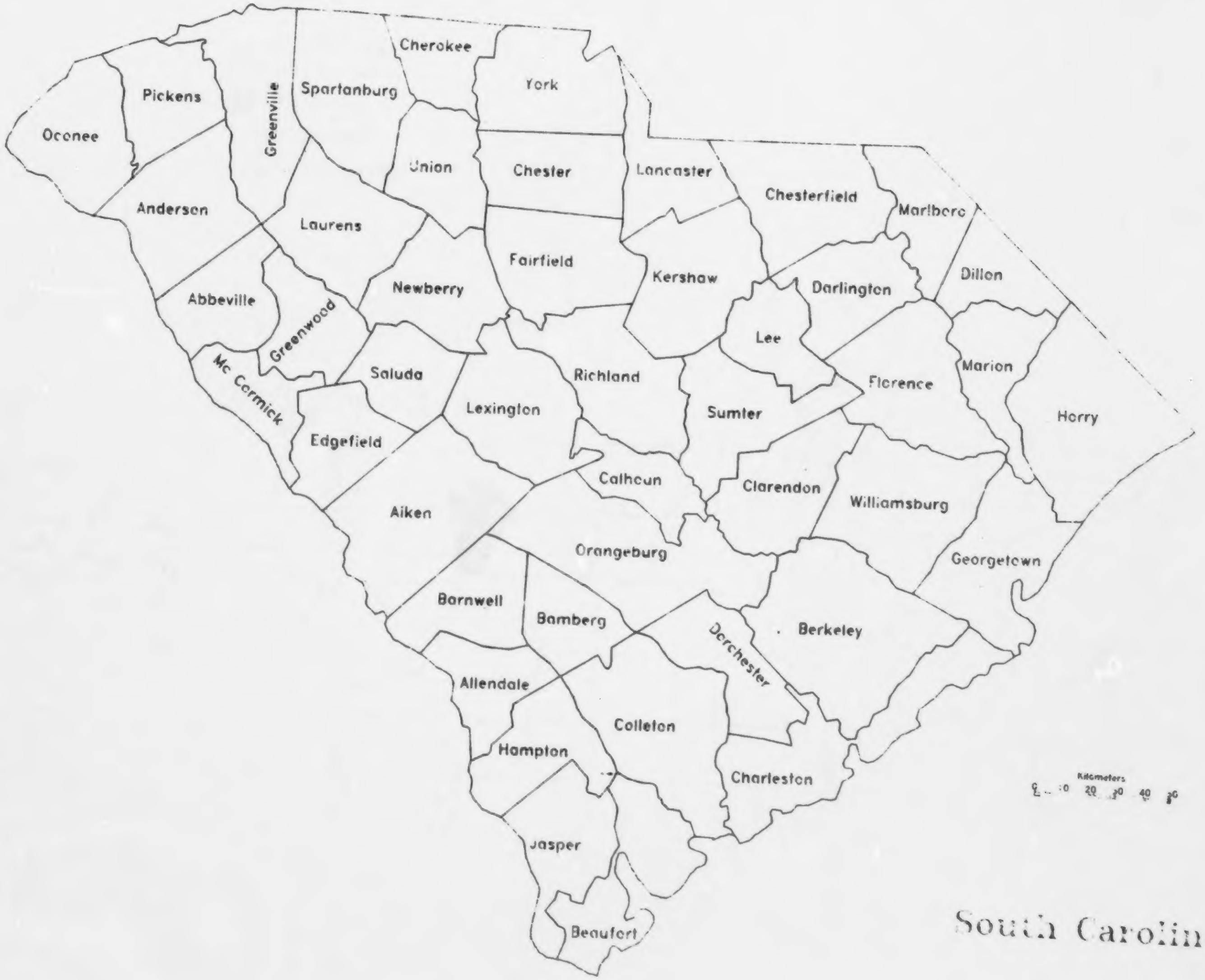
Promulgated List of O3 Non--Attaining Counties -- 1983



North Carolina

Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties - 1983


Oconee
Pickens
Greenville
Spartanburg
Cherokee
York
Anderson
Union
Chester
Lancaster
Chesterfield
Marlboro
Laurens
Fairfield
Kershaw
Darlington
Dillon
Abbeville
Greenwood
Newberry
Lee
Mc Cormick
Saluda
Richland
Florence
Marion
Lexington
Sumter
Horry
Edgefield
Calhoun
Clarendon
Williamsburg
Aiken
Orangeburg
Georgetown
Barnwell
Bamberg
Berkeley
Dorchester
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Colleton
Hampton
Charleston
Jasper
Beaufort
Kilometers
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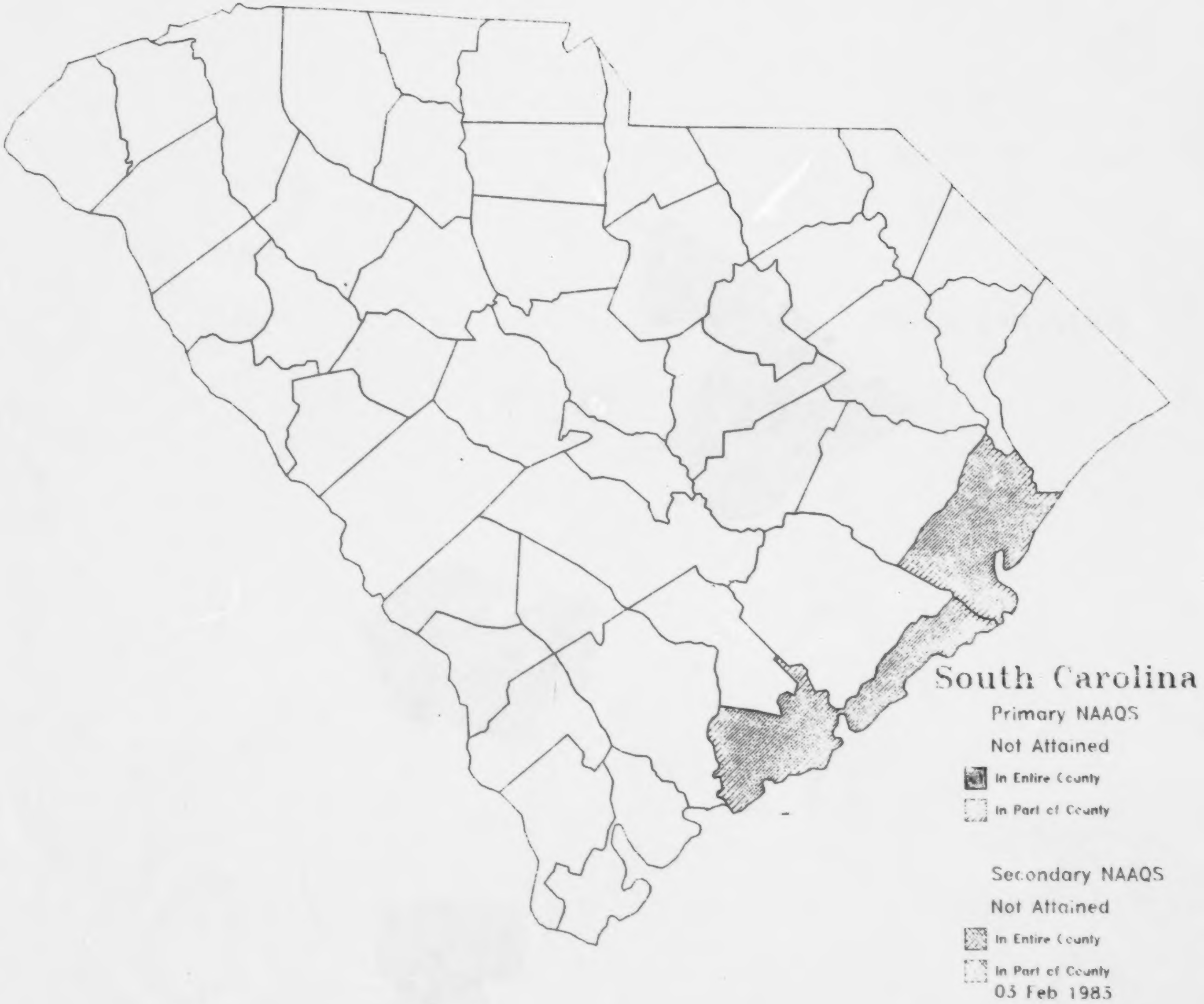
10
20
30
40
50

South Carolina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Primary NAAQS
Not Attained
In Entire County
In Part of County
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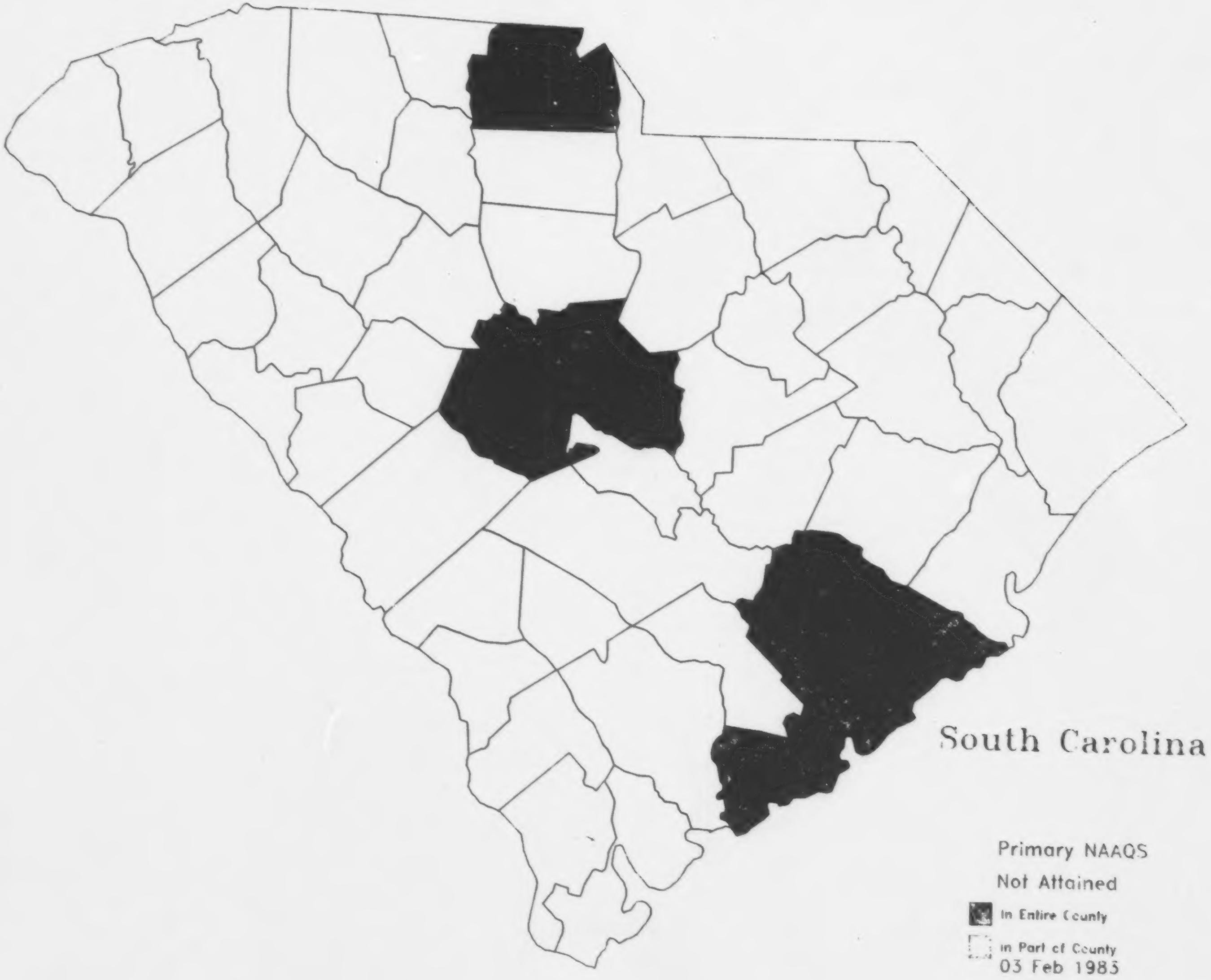
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983


South Carolina

Primary NAAQS
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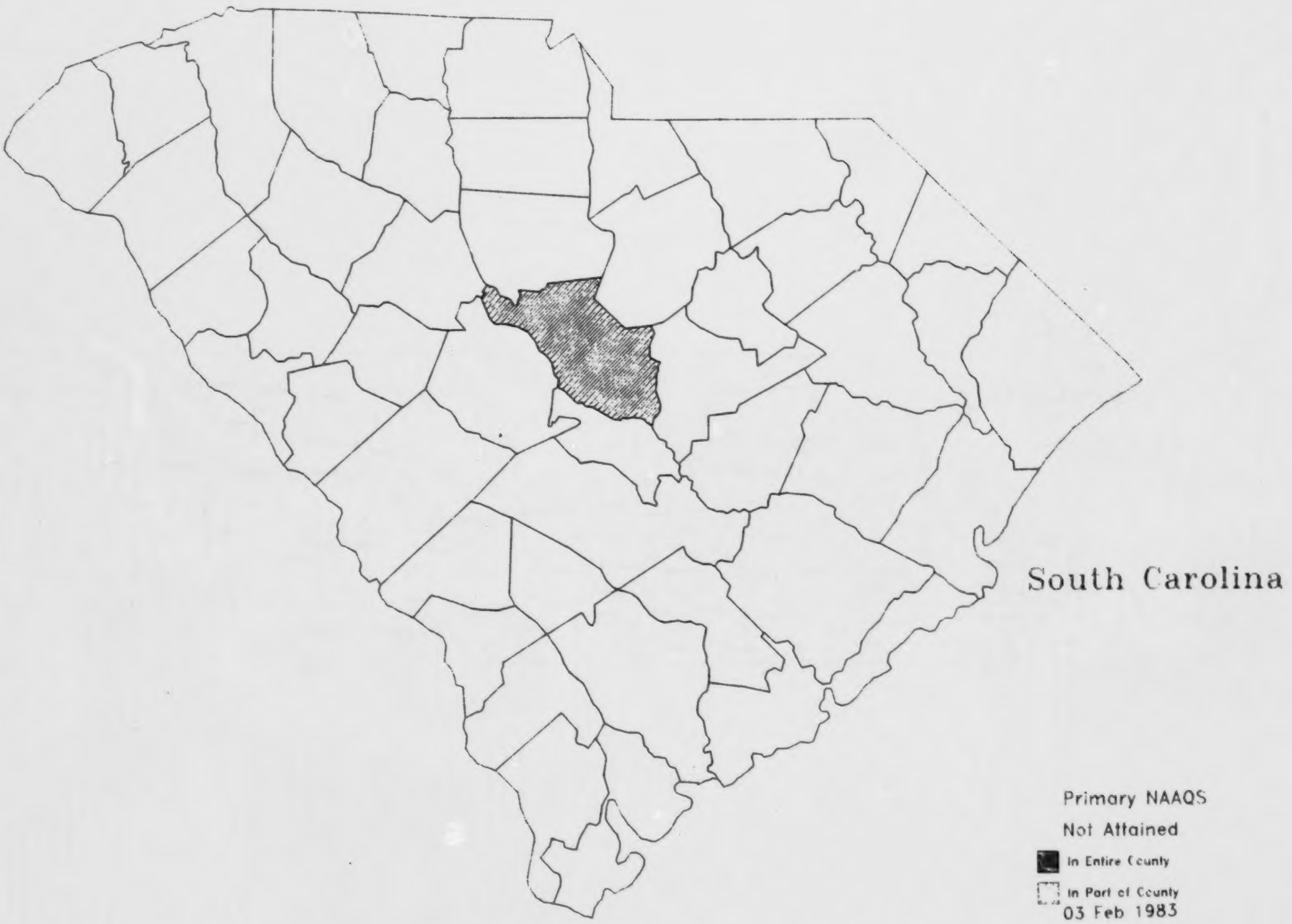
■ In Entire County
▢ In Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties -- 1983


South Carolina
Primary NAAQS
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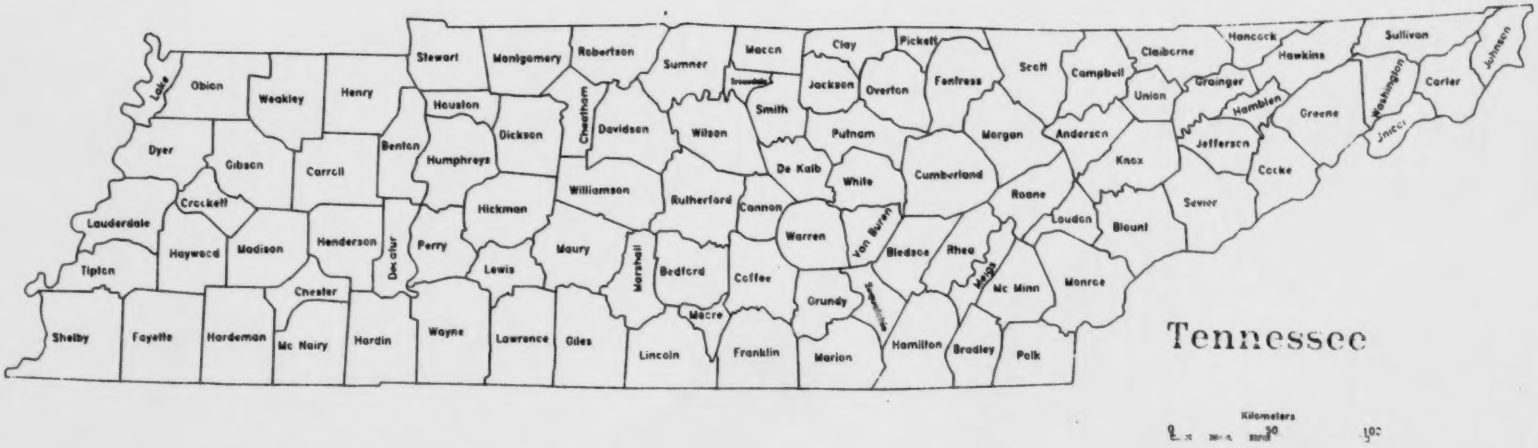
▩ In Entire County
☐ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties - 1983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Henry
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Macon
Clay
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Scott
Campbell
Claiborne
Hancock
Hawkins
Sullivan
Johnson
Carter
Washington
Unicoi
Greene
Hamblen
Grainger
Union
Jefferson
Cocke
Sevier
Knox
Blount
Anderson
Morgan
Fentress
Overton
Jackson
Trousdale
Smith
Putnam
Cumberland
White
De Kalb
Wilson
Davidson
Cheatham
Houston
Dickson
Humphreys
Benton
Carroll
Gibson
Dyer
Crockett
Lauderdale
Tipton
Haywood
Madison
Henderson
Decatur
Perry
Hickman
Williamson
Rutherford
Cannon
Warren
Van Buren
Bledsoe
Rhea
Roane
Loudon
Meigs
Mc Minn
Monroe
Polk
Bradley
Hamilton
Sequatchie
Grundy
Marion
Franklin
Coffee
Moore
Bedford
Marshall
Maury
Lewis
Lincoln
Giles
Lawrence
Wayne
Hardin
Chester
Mc Nairy
Hardeman
Fayette
Shelby
Kilometers
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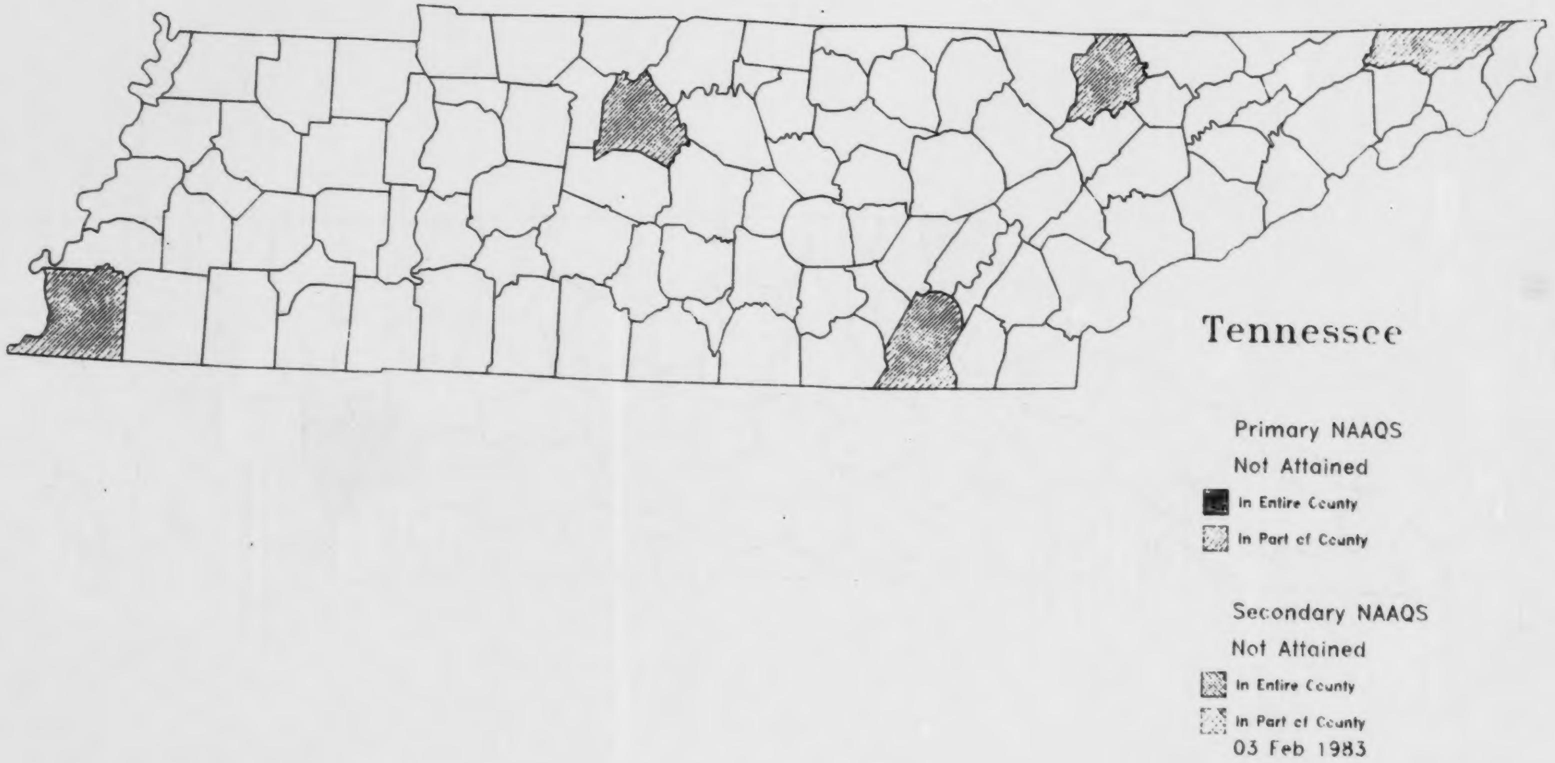
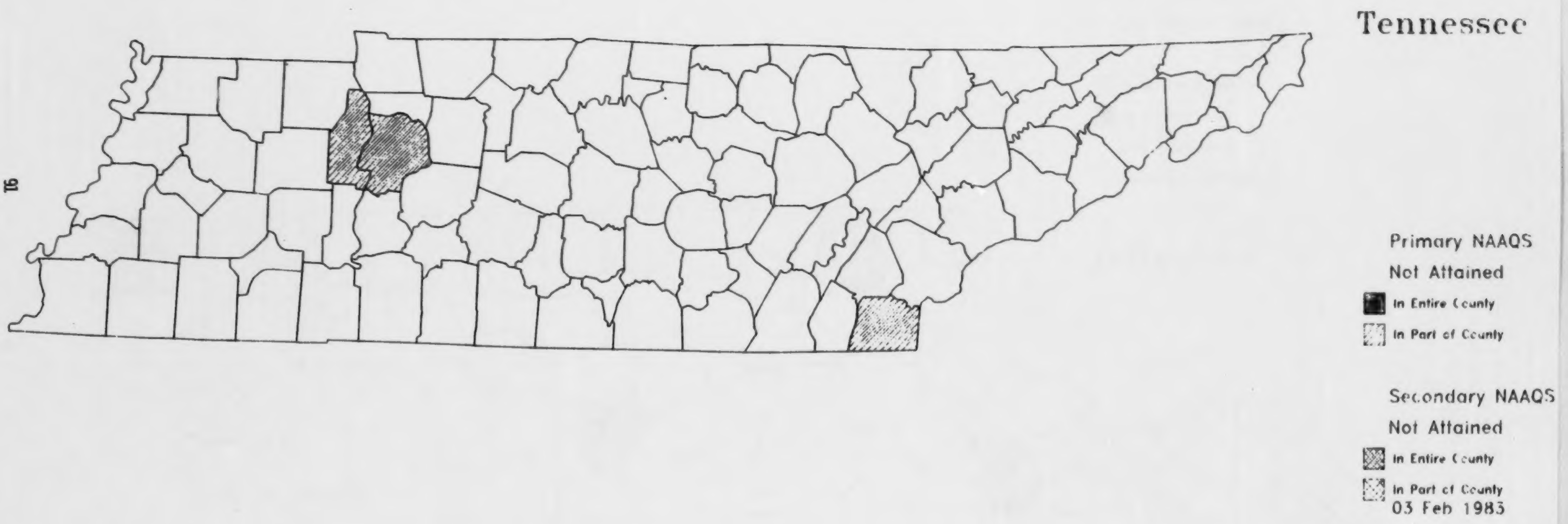
50
100

Tennessee


Tennessee
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
░ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983


Tennessee
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In Entire County
In Part of County
Secondary NAAQS
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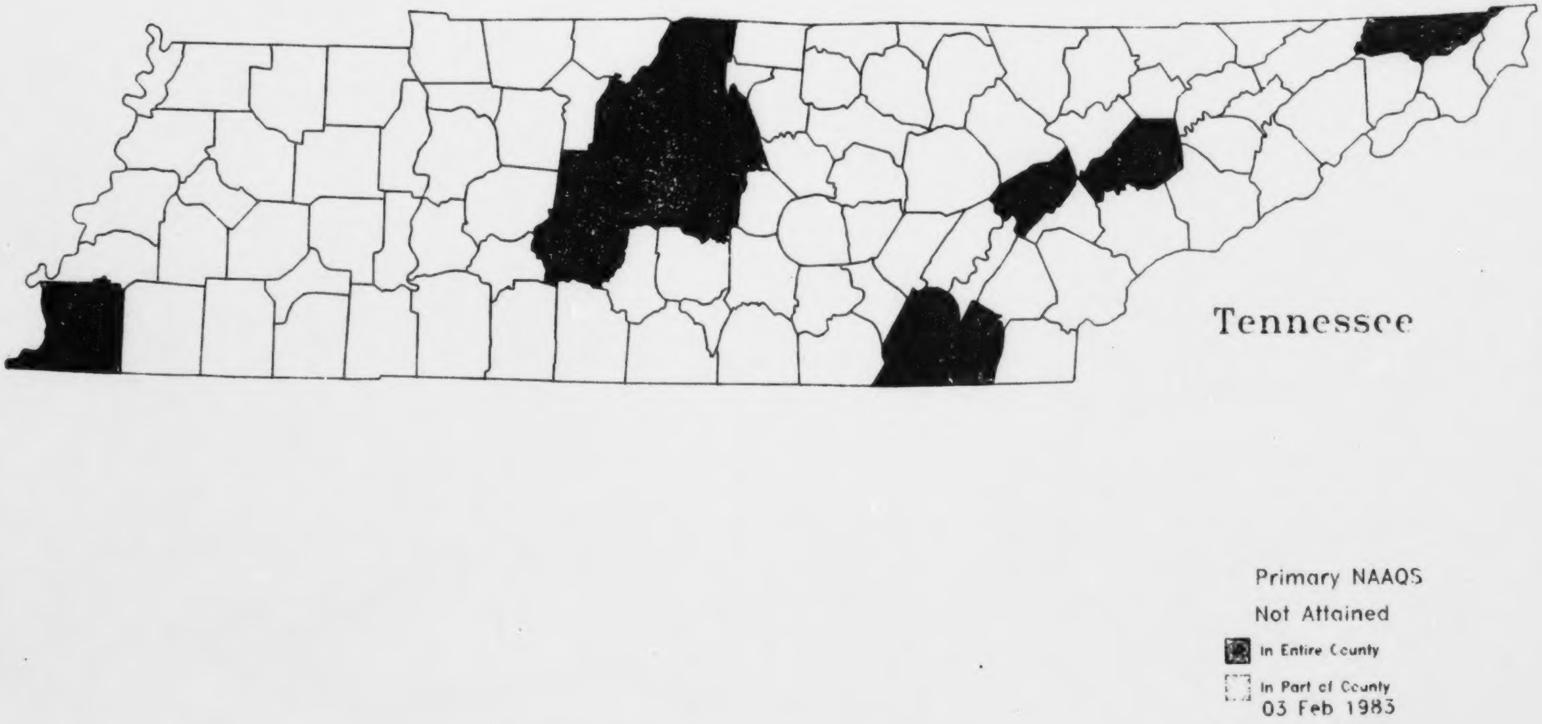
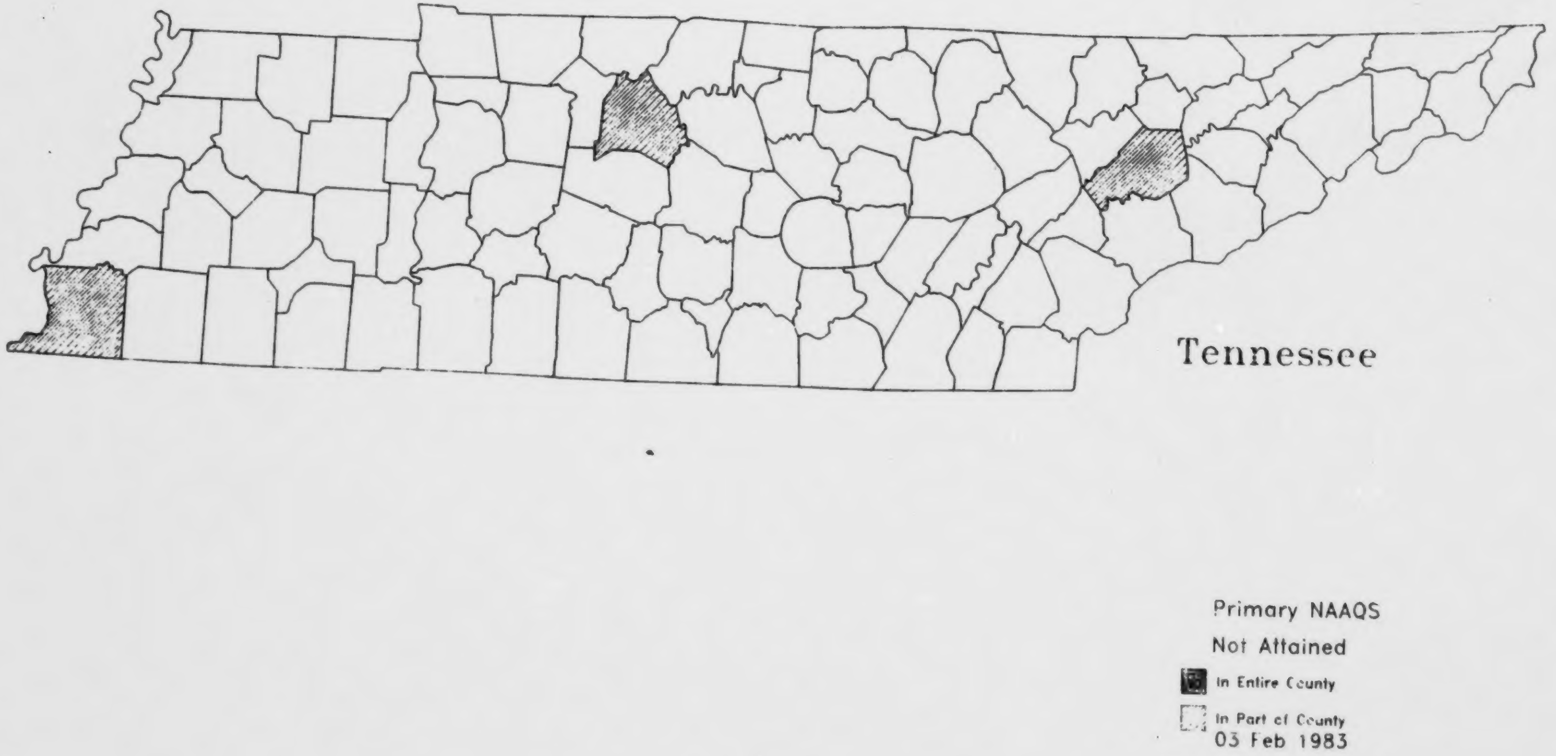
In Entire County
In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties -- 1983


Tennessee
Primary NAAQS
Not Attained
▨ In Entire County
☐ In Part of County
03 Feb 1983

Promulgated List of 03 Non-Attaining Counties - 1983


Tennessee
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Region V

Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin

Air Programs Branch
EPA Region V
230 South Dearborn
Chicago, Illinois 60604
(312) 353-2205
FTS: 886-6030

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR ILLINOIS

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Adams Co	71,622		P					W
Boone Co	28,630							W
Bureau Co	39,114		P					
Cook Co	5,253,655	P				P	P	W
De Kalb Co	74,624		P					W
Du Page Co	658,629	P						W
Grundy Co	30,582							W
Jefferson Co	36,552		P					
Jo Daviess Co	23,520	P	P					
Kane Co	278,405							W
Kankakee Co	102,926		P					W
Kendall Co	37,202		P					W
Knox Co	61,607	P	P					
Lake Co	440,372		P					W
La Salle Co	112,033	P						W
Mc Henry Co	147,897							W
Mc Lean Co	119,149		P					
Macon Co	131,375	P						
Madison Co	247,661	P						W
Massac Co	14,990		P					
Menard Co	11,700		P					
Monroe Co	20,117	P	P					W
Peoria Co	200,466	P		P		P		W
Pope Co	4,404		P					
Putnam Co	6,085		P					
Rock Island Co	165,968	P				P		
St Clair Co	267,531	P						W
Sangamon Co	176,070							W
Tazewell Co	132,078	P		P				W
Whiteside Co	65,970		P					
Will Co	324,460	P						W
Williamson Co	56,538		P					W
Winnebago Co	250,884		P					

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR INDIANA

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Allen Co	294,335							W
Clark Co	88,838	P						W
Dearborn Co	34,291	P						
Dubois Co	34,238	P						
Elkhart Co	137,330							W
Floyd Co	61,205							W
Lake Co	522,965	P		P		P		W
La Porte Co	108,632			P				
Marion Co	765,233	P		W		P		W
Porter Co	119,816	P						W
St Joseph Co	241,617		P					W
Vanderburgh Co	167,515		P					
Vigo Co	112,385	P		W				
Wayne Co	76,058			P				

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
MICHIGAN

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Allegan Co	81,555							W
Barry Co	45,781							W
Bay Co	119,881		P					W
Berrien Co	171,276							W
Branch Co	40,188							W
Calhoun Co	141,557	P						W
Cass Co	49,499							W
Clinton Co	55,893							W
Delta Co	38,947		P					
Eaton Co	88,337							W
Emmet Co	22,992		P					
Genesee Co	450,449	P						W
Gratiot Co	40,448							W
Hillsdale Co	42,071							W
Huron Co	36,459							W
Ingham Co	275,520		P	P				W
Ionia Co	51,815							W
Jackson Co	151,495							W
Kalamazoo Co	212,378							W
Kent Co	444,506		P					W
Lapeer Co	70,038	P	P					W
Lenawee Co	89,948							W
Livingston Co	100,289							W
Macomb Co	694,600		P			P		W
Manistee Co	23,019		P					
Marquette Co	74,101							W
Mason Co	26,365		P					
Midland Co	73,578		P					W
Monroe Co	134,659	P	P					W
Montcalm Co	47,555							W
Muskegon Co	157,589		P					W
Oakland Co	1,011,793		P			P		W
Ottawa Co	157,174							W
Saginaw Co	228,059	P				P		W
St Clair Co	138,802		P					W
St Joseph Co	56,083							W
Sanilac Co	40,789							W
Shiawassee Co	71,140							W
Tuscola Co	56,961							W
Van Buren Co	66,814							W
Washtenaw Co	264,748							W
Wayne Co	2,337,891	P				P		W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MINNESOTA

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Anoka Co	195,998	W		W		W		
Benton Co	25,127					P		
Carver Co	37,046	W		W		W		
Dakota Co	194,279	W		W		W		
Goodhue Co	36,749		P					
Hennepin Co	941,411	W		W		W		
Itasca Co	43,069		P					
Koochiching Co	17,571		P					
Olmsted Co	92,006			P		P		
Ramsey Co	459,784	W		W		W		
St Louis Co	222,229	P	P			P		
Scott Co	43,784	W		W		W		
Sherburne Co	29,908					P		
Stearns Co	108,161					P		
Washington Co	113,571	W		W		W		

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR OHIO

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Allen Co	112,241							W
Ashland Co	46,178							W
Ashtabula Co	104,215							W
Belmont Co	82,569	P						W
Brown Co	31,920							W
Butler Co	258,787	P						W
Carroll Co	25,598							W
Champaign Co	33,649							W
Clark Co	150,236		P					W
Clermont Co	128,483			P				W
Clinton Co	34,603							W
Columbiana Co	113,572	P		P				W
Coshocton Co	36,024			P				
Cuyahoga Co	1,498,400	P		P		W		W
Darke Co	55,096							W
Delaware Co	53,840							W
Erie Co	79,655		W					W
Fairfield Co	93,678							W
Fayette Co	27,467							W
Franklin Co	869,132	P				W		W
Fulton Co	37,751							W
Gallia Co	30,098		W		P			
Geauga Co	74,474							W
Greene Co	129,769							W
Hamilton Co	873,224	P				W		W
Hancock Co	64,581							W
Harrison Co	18,152							W
Henry Co	26,383							W
Highland Co	33,477							W
Hocking Co	24,304							W
Holmes Co	29,416							W
Huron Co	54,608							W
Jackson Co	30,592		W					
Jefferson Co	91,564	P		P				W
Knox Co	46,304							W
Lake Co	212,801	P	P	P				W
Lawrence Co	63,649	P						W
Licking Co	120,981							W
Logan Co	39,155	W						W
Lorain Co	274,909	P	P	P				W
Lucas Co	471,741	P	P	P				W
Madison Co	33,004							W
Mahoning Co	289,487	P						W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

(CONTINUED)

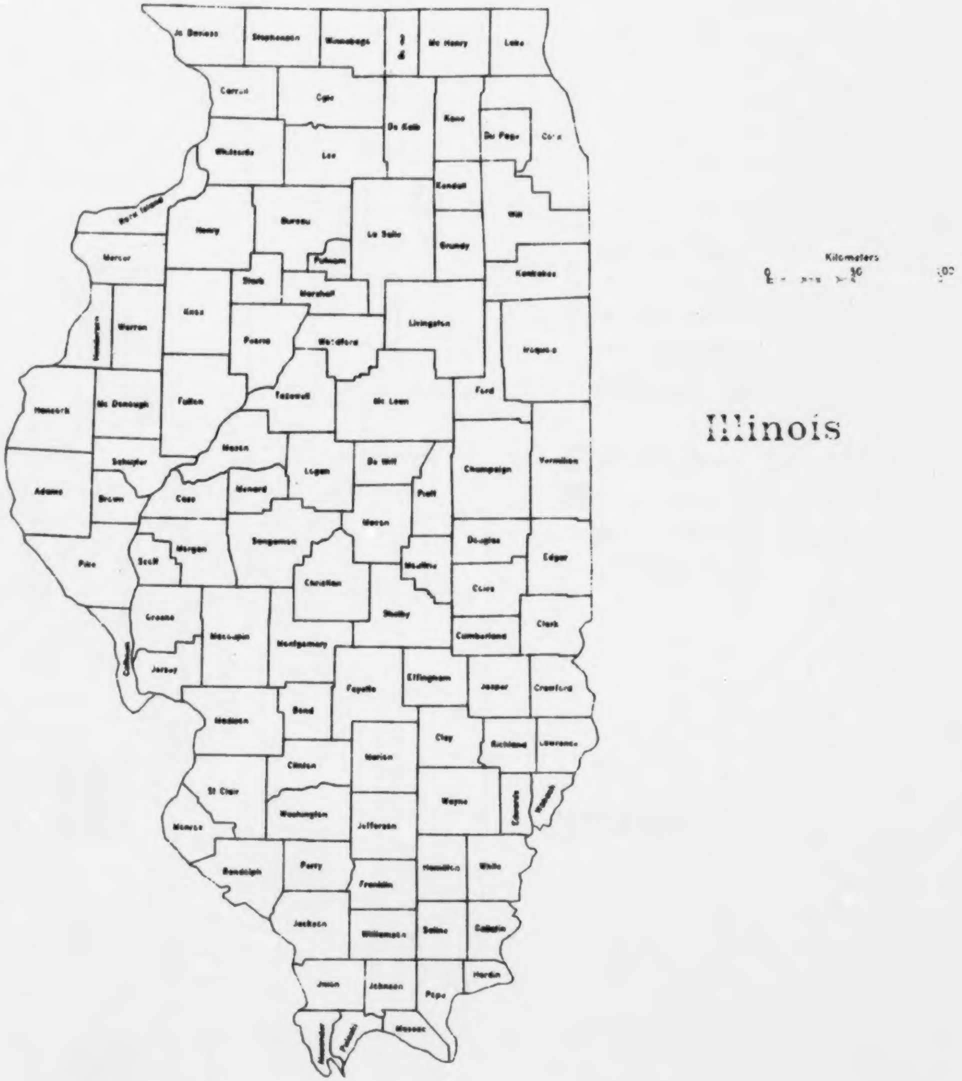
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR OHIO (CONTINUED)

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O3
Marion Co	67,974							W
Medina Co	113,150		W					W
Miami Co	90,381	P						W
Monroe Co	17,382	P						
Montgomery Co	571,697	P				W		W
Morgan Co	14,241				P			
Morrow Co	26,480							W
Muskingum Co	83,340		W					
Ottawa Co	40,076							W
Perry Co	31,032							W
Pickaway Co	43,662							W
Portage Co	135,856							W
Preble Co	38,223							W
Richland Co	131,205	W						W
Ross Co	65,004							W
Sandusky Co	63,267	W						W
Scioto Co	84,545	P						
Seneca Co	61,901		P					W
Shelby Co	43,089							W
Stark Co	378,823	P						W
Summit Co	524,472	P						W
Trumbull Co	241,863	P						W
Tuscarawas Co	84,614		W					W
Union Co	29,536							W
Warren Co	99,276							W
Washington Co	64,266		W		P			
Wayne Co	97,408							W
Wood Co	107,372							W
Wyandot Co	22,651		W					

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR WISCONSIN

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O3
Brown Co	175,280		P	P				W
Columbia Co	43,222	P						W
Dane Co	323,545		P	P				W
Douglas Co	44,421		P					
Kenosha Co	123,137		P					W
Manitowoc Co	82,918		P					
Marathon Co	111,270		P	P				
Milwaukee Co	964,988	P		P		P		W
Ozaukee Co	66,981							W
Racine Co	173,132		P					W
Rock Co	139,420	P						
Sheboygan Co	100,935							W
Vilas Co	16,535							W
Waukesha Co	280,030	P						W
Winnebago Co	131,722		P					
Wood Co	72,799		P					

P = PART OF THE COUNTY   W = THE WHOLE COUNTY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Stephenson
Winnebago
Mc Henry
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Cook
Whiteside
Lee
Kendall
Will
Rock Island
Henry
Bureau
La Salle
Grundy
Mercer
Putnam
Stark
Marshall
Kankakee
Knox
Warren
Henderson
Peoria
Woodford
Livingston
Iroquois
Hancock
Mc Donough
Fulton
Tazewell
Mc Lean
Ford
Mason
Schuyler
Logan
De Witt
Champaign
Vermilion
Adams
Brown
Cass
Menard
Piatt
Macon
Pike
Scott
Morgan
Sangamon
Douglas
Edgar
Moultrie
Christian
Coles
Shelby
Greene
Macoupin
Montgomery
Cumberland
Clark
Calhoun
Jersey
Fayette
Effingham
Jasper
Crawford
Madison
Bond
Clay
Richland
Lawrence
Clinton
Marion
St Clair
Wayne
Edwards
Wabash
Washington
Jefferson
Monroe
Randolph
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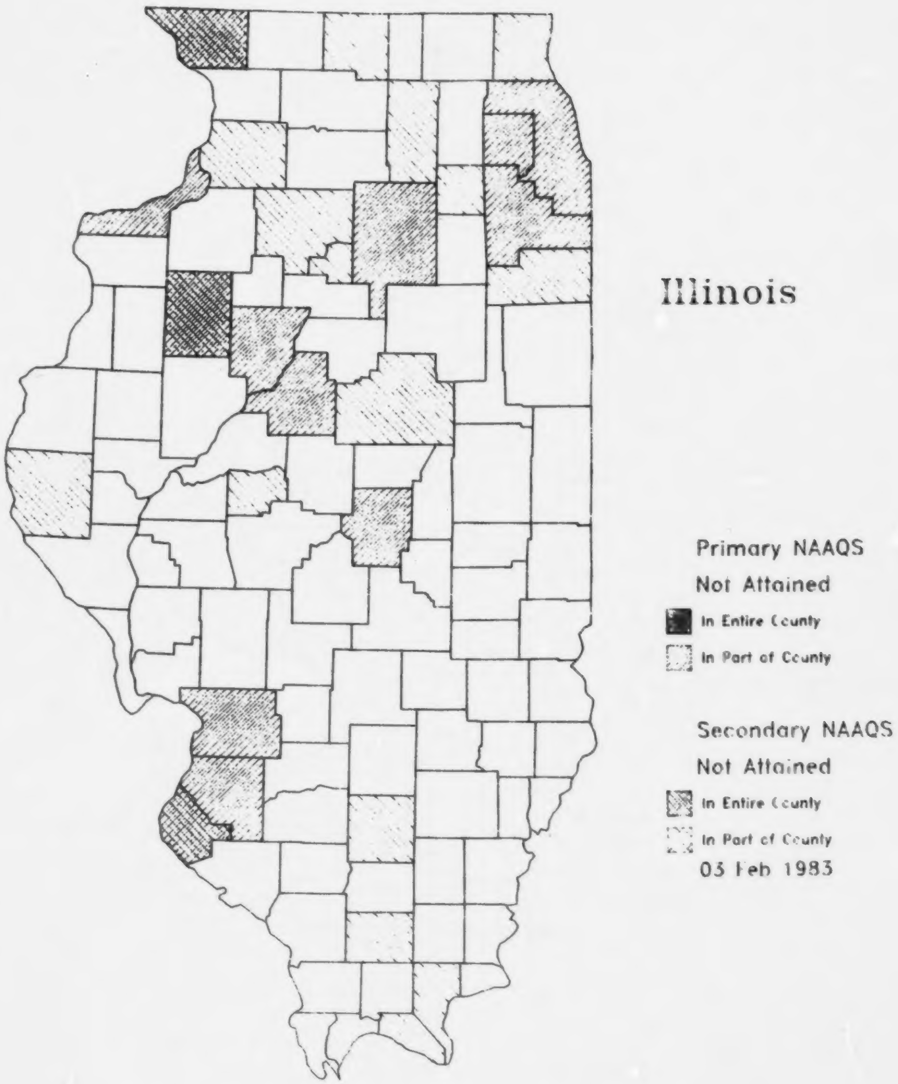
Massac

Illinois


Illinois
Primary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
Secondary NAAQS
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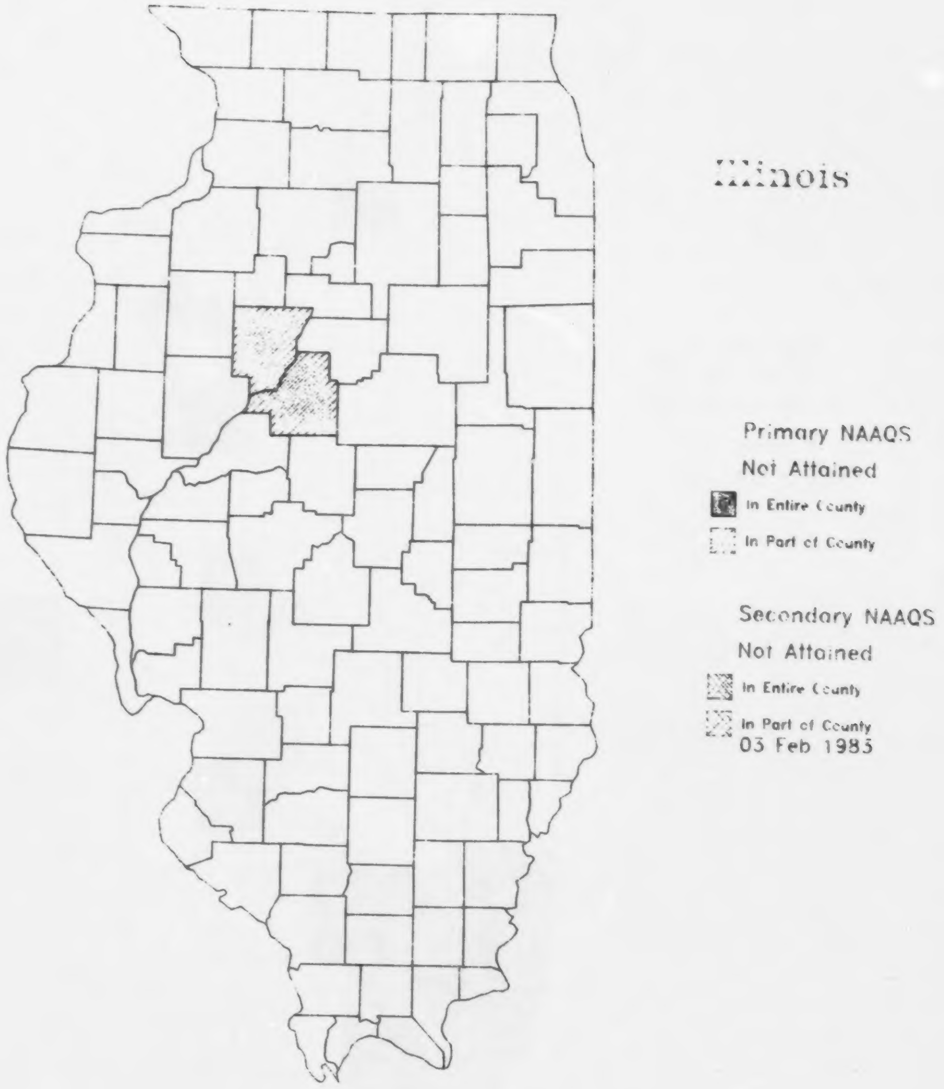
▨ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties 1983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Secondary NAAQS
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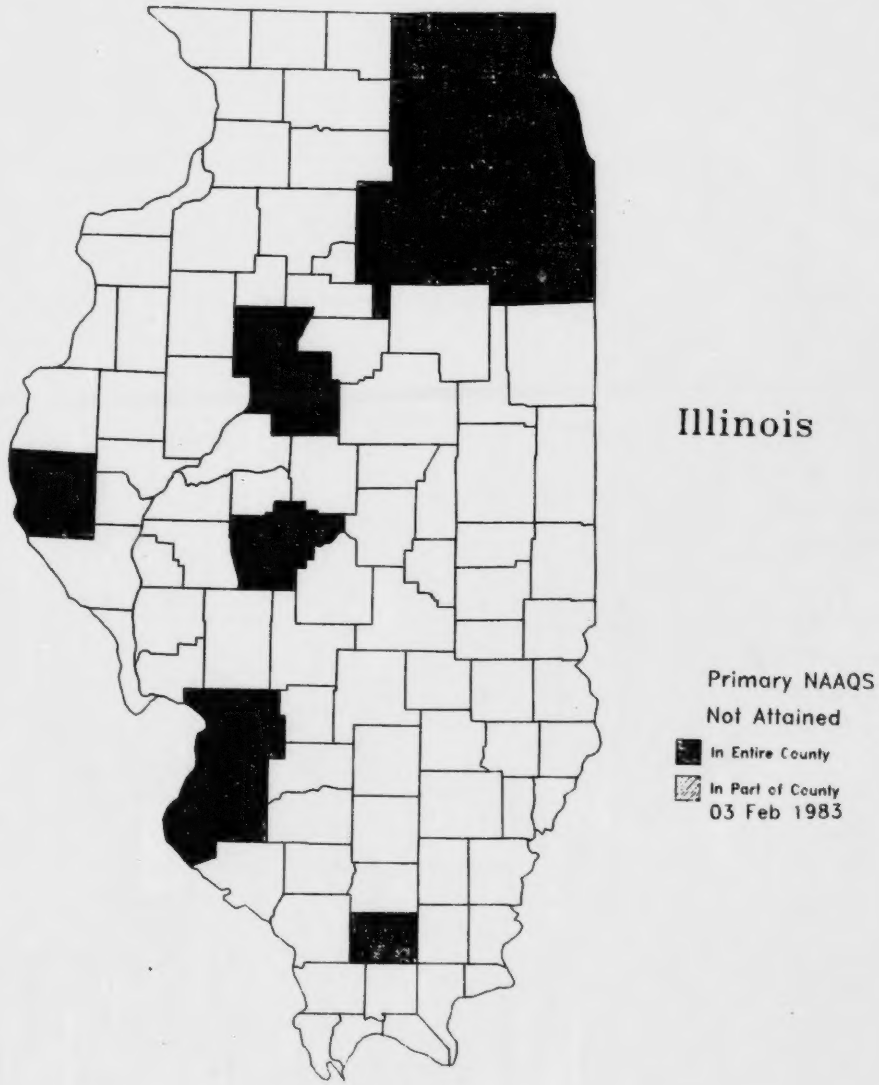
In Entire County
In Part of County
03 Feb 1983

Promulgated List of SO2 Non--Attaining Counties -- 1983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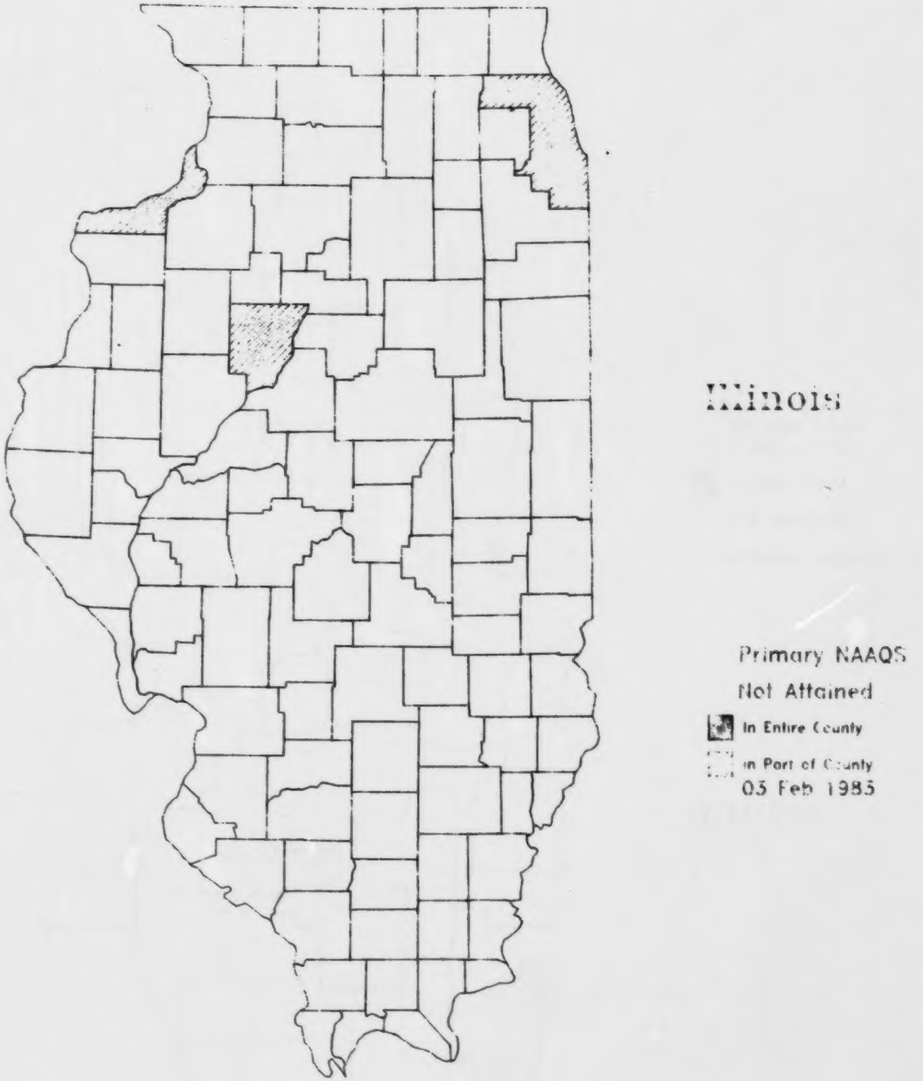
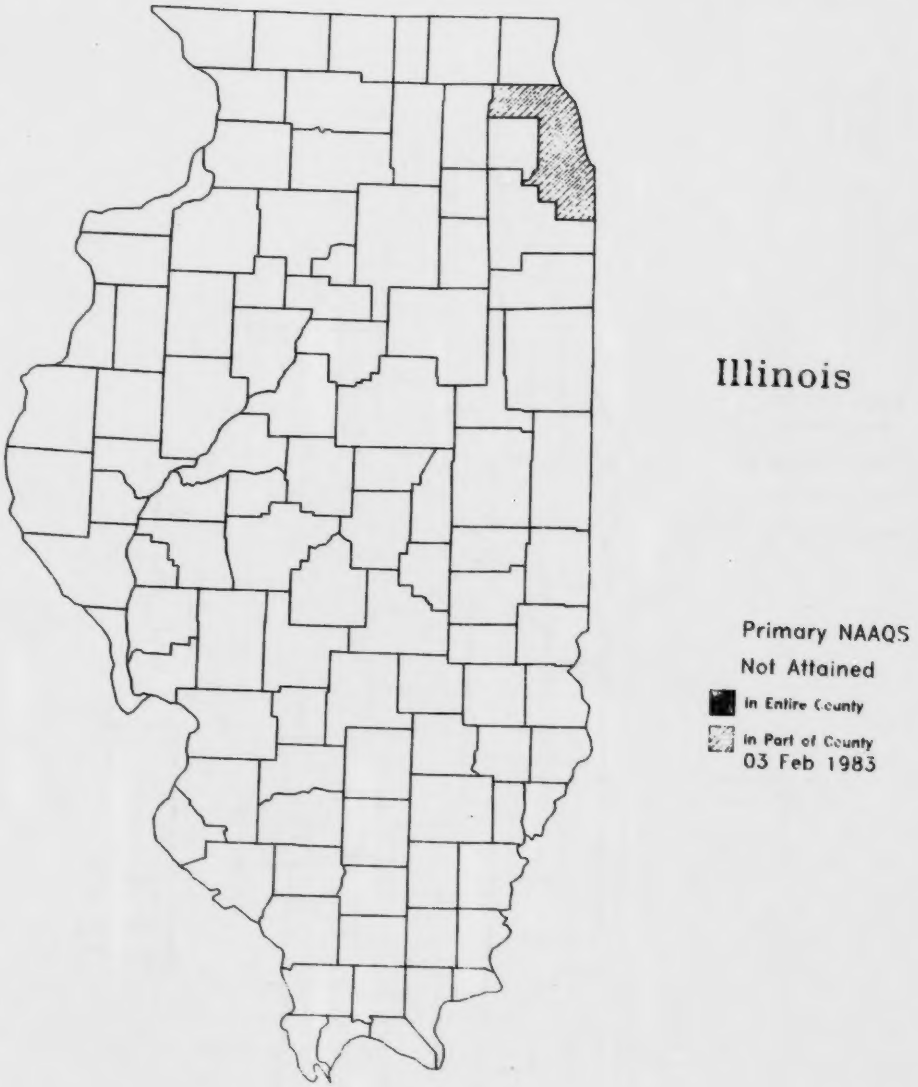
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties -- 1983


Illinois
Primary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1985

Promulgated List of CO Non-Attaining Counties - 1983


Illinois
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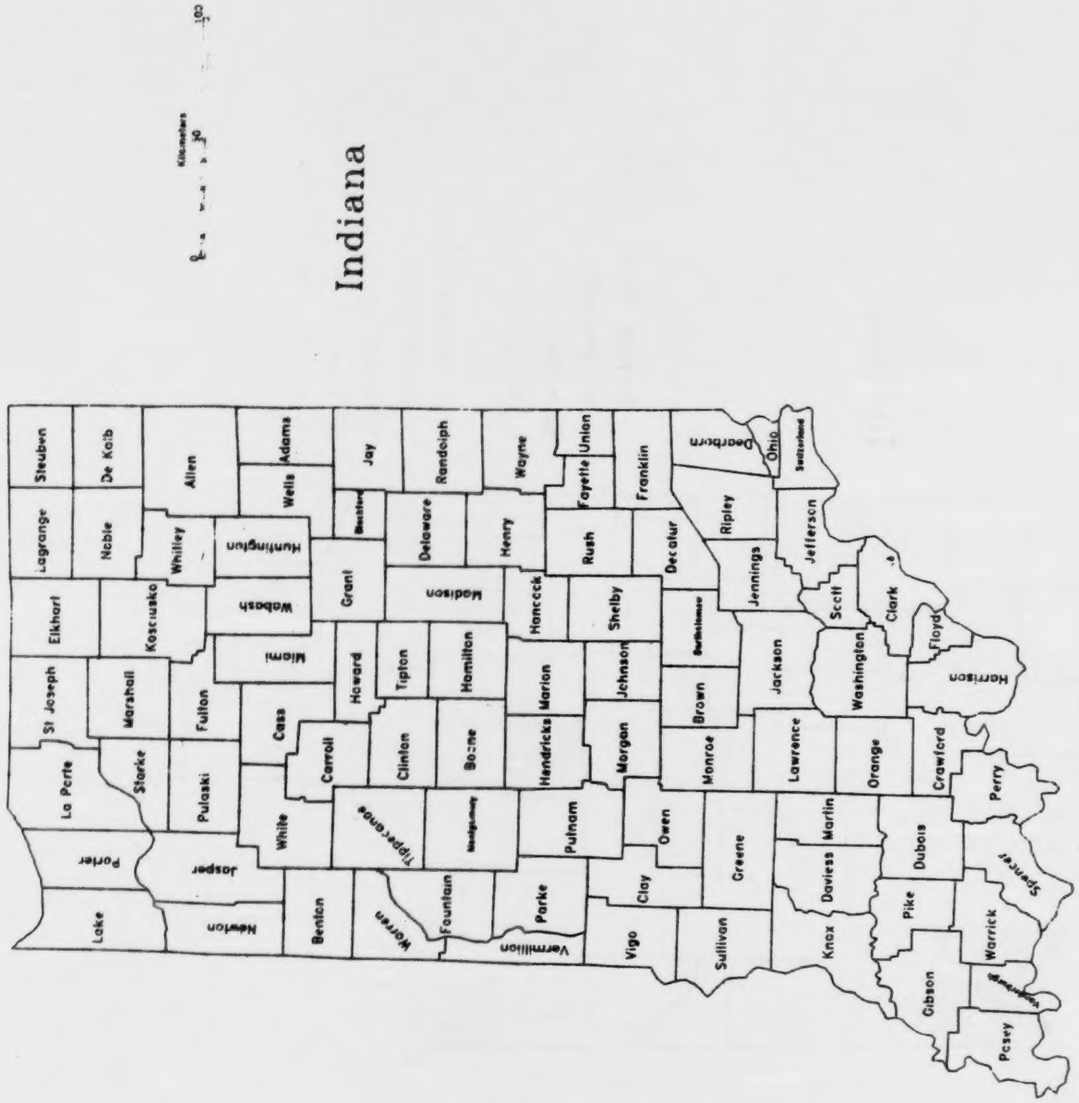
▇ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of NOX Non-Attaining Counties - 1983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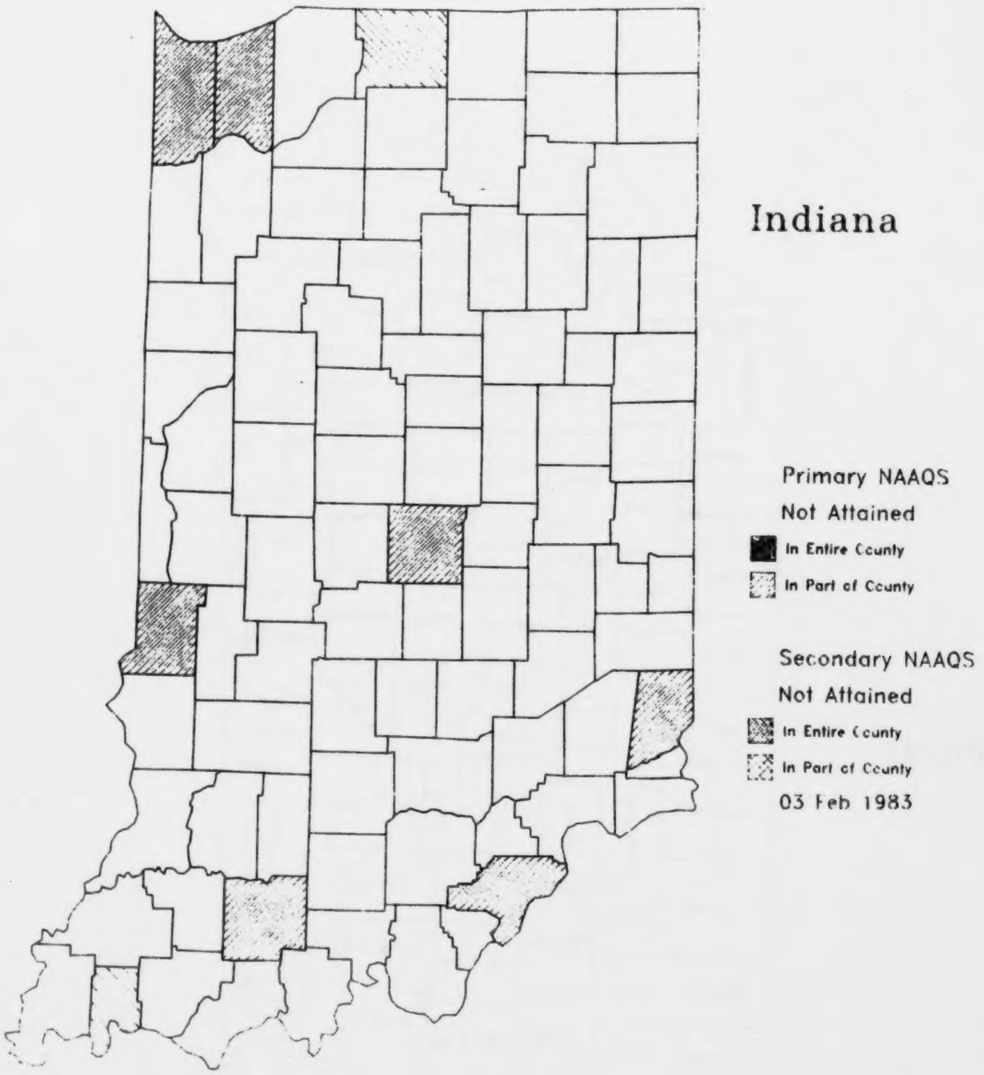
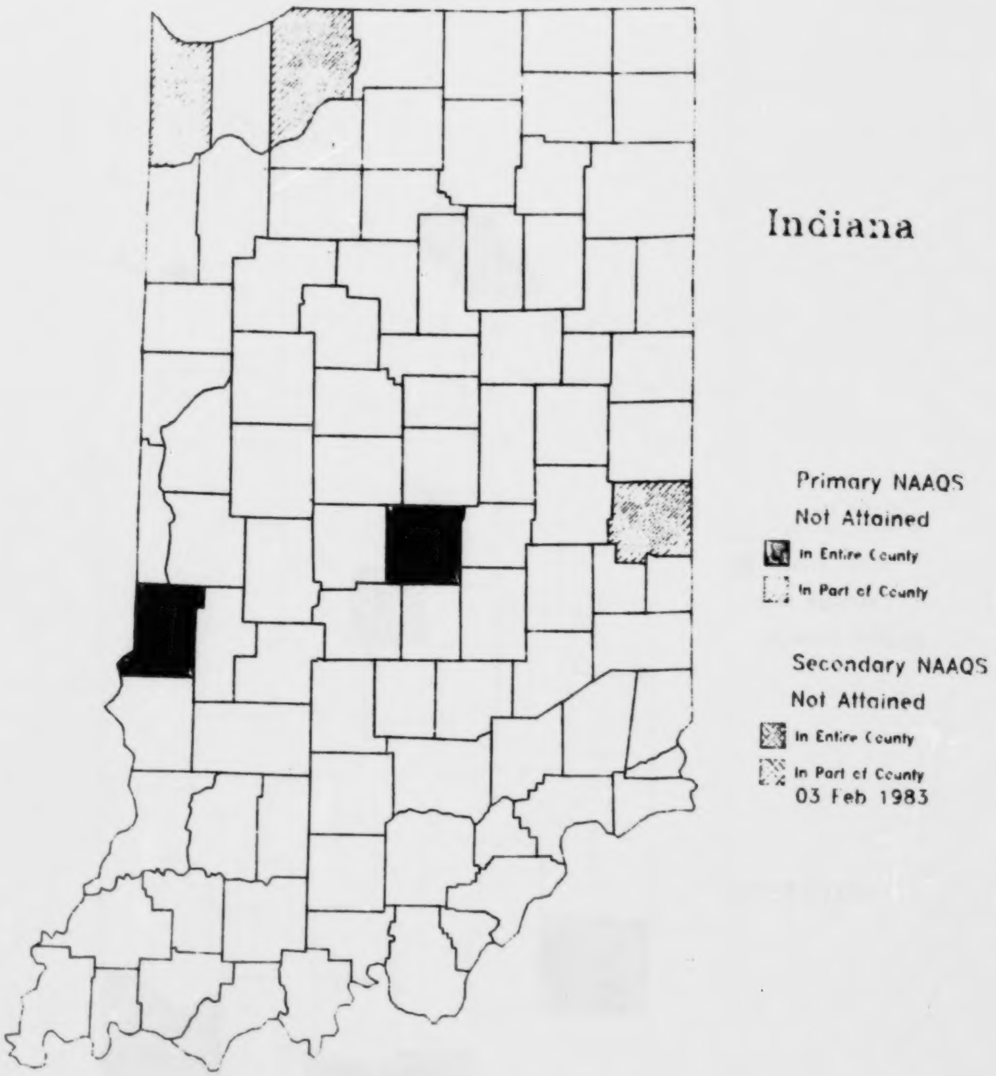
100
Steuben
De Kalb
Allen
Adams
Jay
Randolph
Wayne
Union
Dearborn
Ohio
Switzerland
Lagrange
Noble
Whitley
Huntington
Wells
Blackford
Delaware
Henry
Fayette
Franklin
Rush
Decatur
Ripley
Jefferson
Elkhart
Kosciusko
Wabash
Grant
Madison
Hancock
Shelby
Bartholomew
Jennings
Scott
Clark
Floyd
St Joseph
Marshall
Fulton
Miami
Howard
Tipton
Hamilton
Marion
Johnson
Brown
Jackson
Washington
Harrison
La Porte
Starke
Pulaski
Cass
Carroll
Clinton
Boone
Hendricks
Morgan
Monroe
Lawrence
Orange
Crawford
Perry
Porter
Jasper
White
Tippecanoe
Montgomery
Putnam
Owen
Greene
Martin
Dubois
Spencer
Lake
Newton
Benton
Warren
Fountain
Parke
Vermillion
Vigo
Clay
Sullivan
Daviess
Knox
Pike
Warrick
Gibson
Vanderburgh
Posey


Indiana
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties - 1983


Indiana
Primary NAAQS
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In Part of County
Secondary NAAQS
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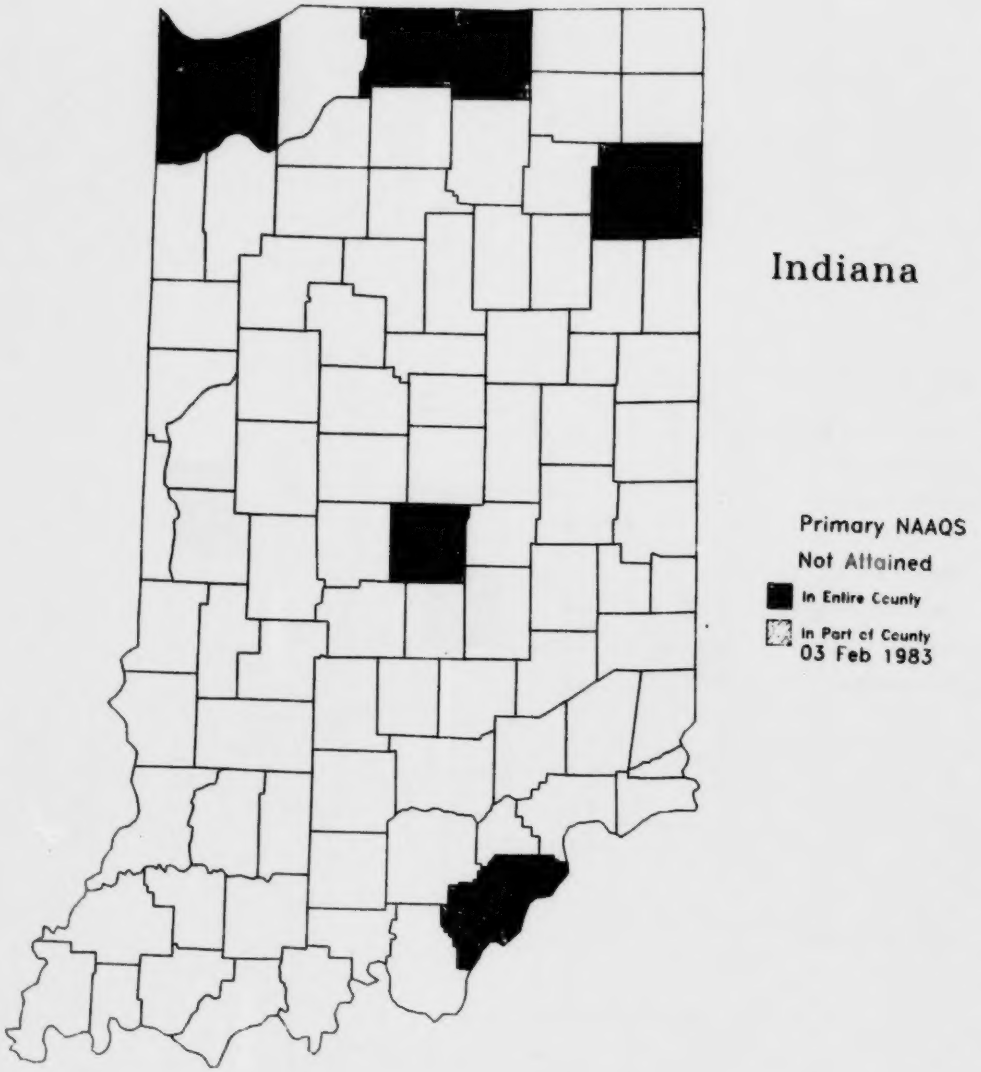
In Entire County
In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties -- 1983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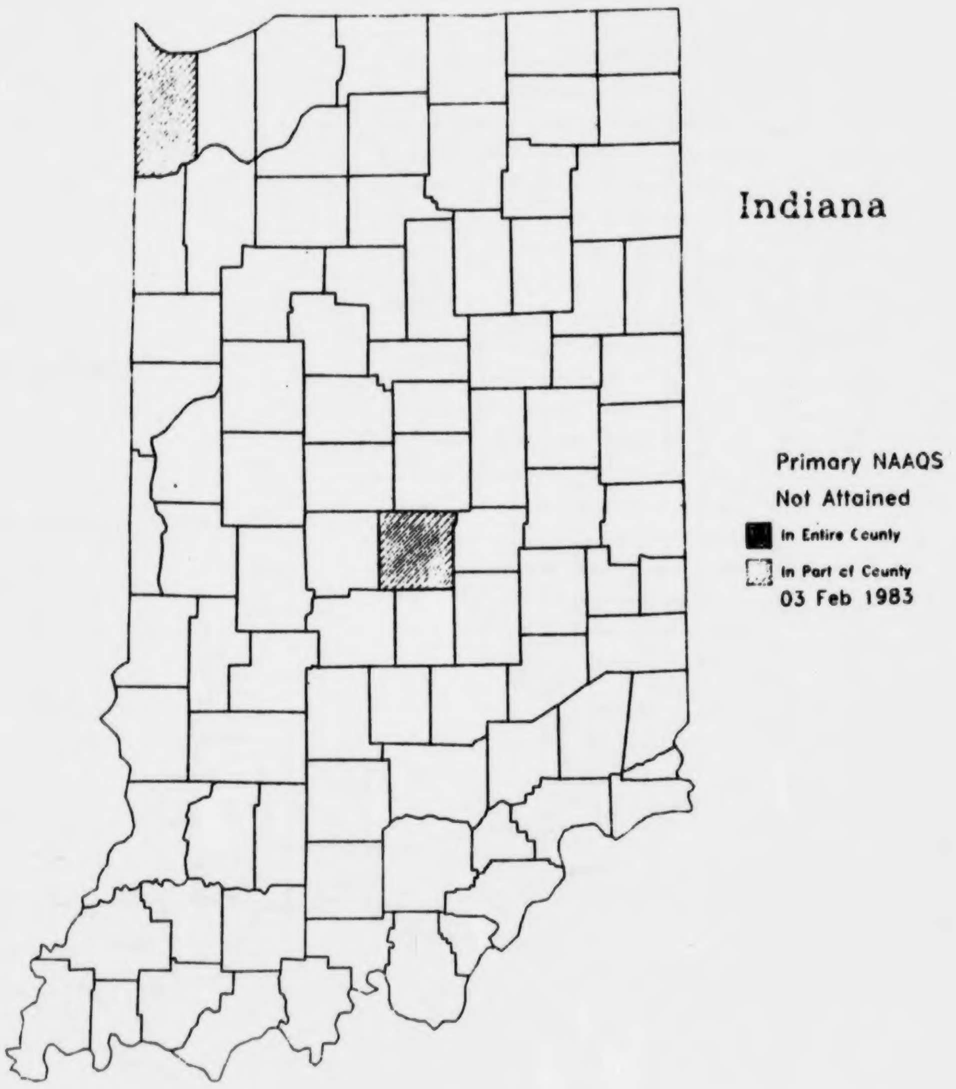
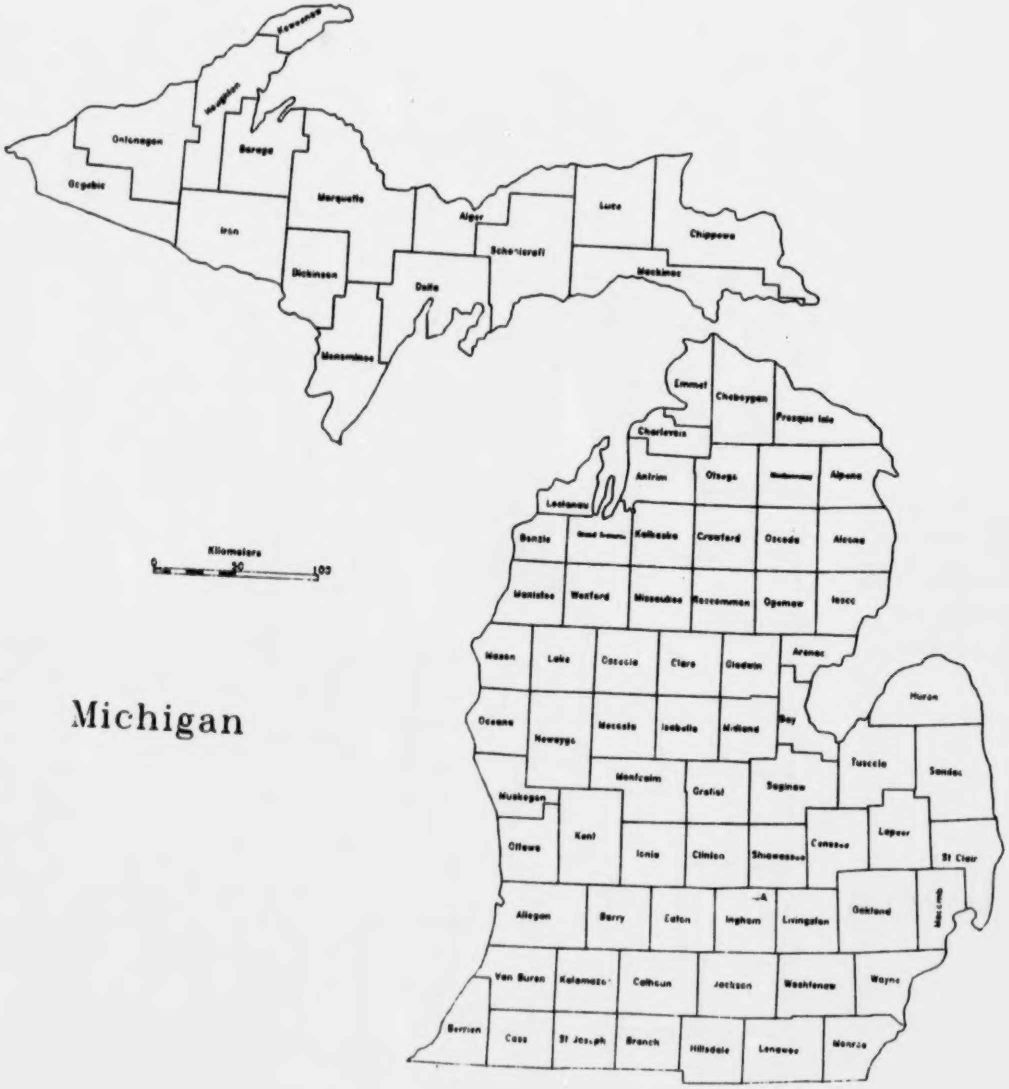
▨ In Part of County
03 Feb 1983

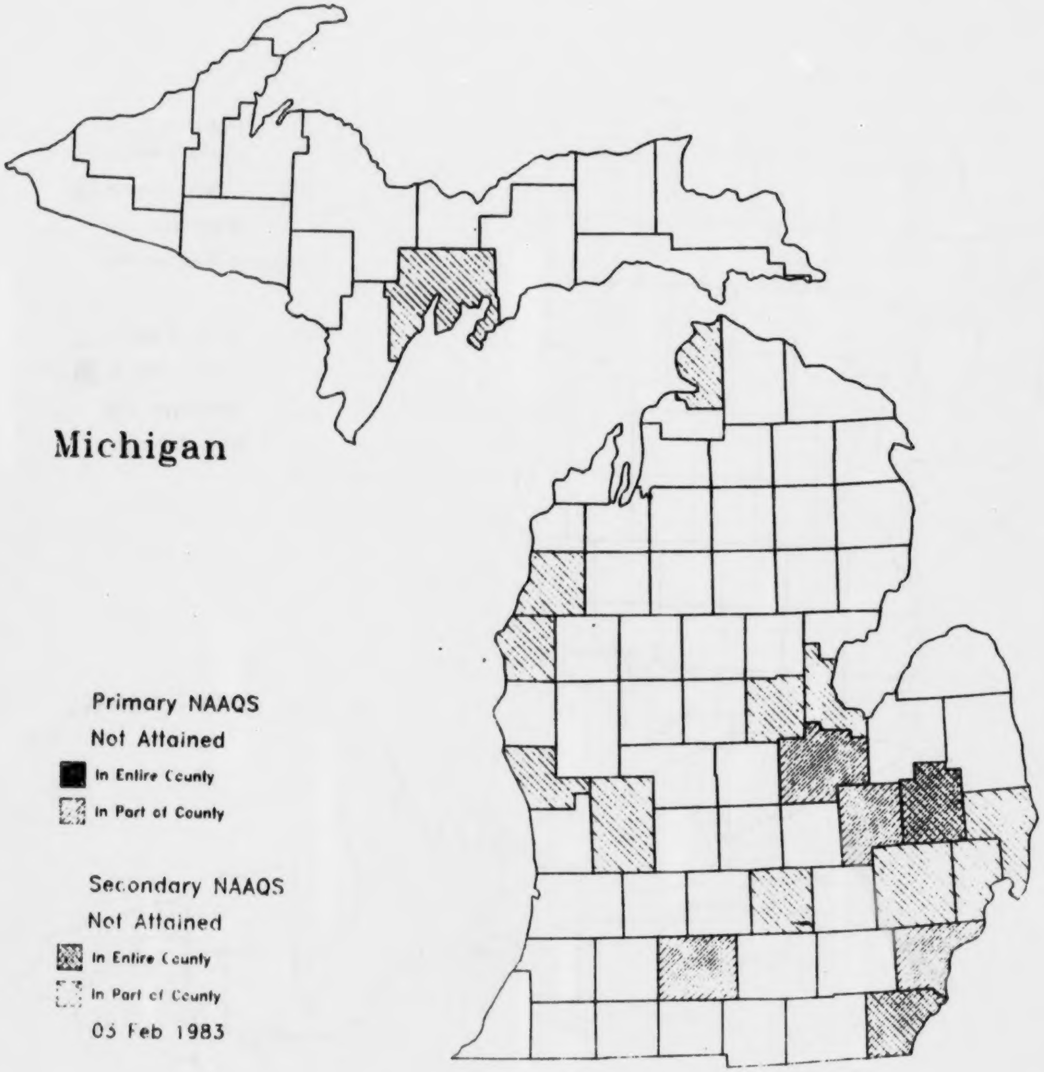
Promulgated List of O3 Non-Attaining Counties -- 1983


Indiana
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

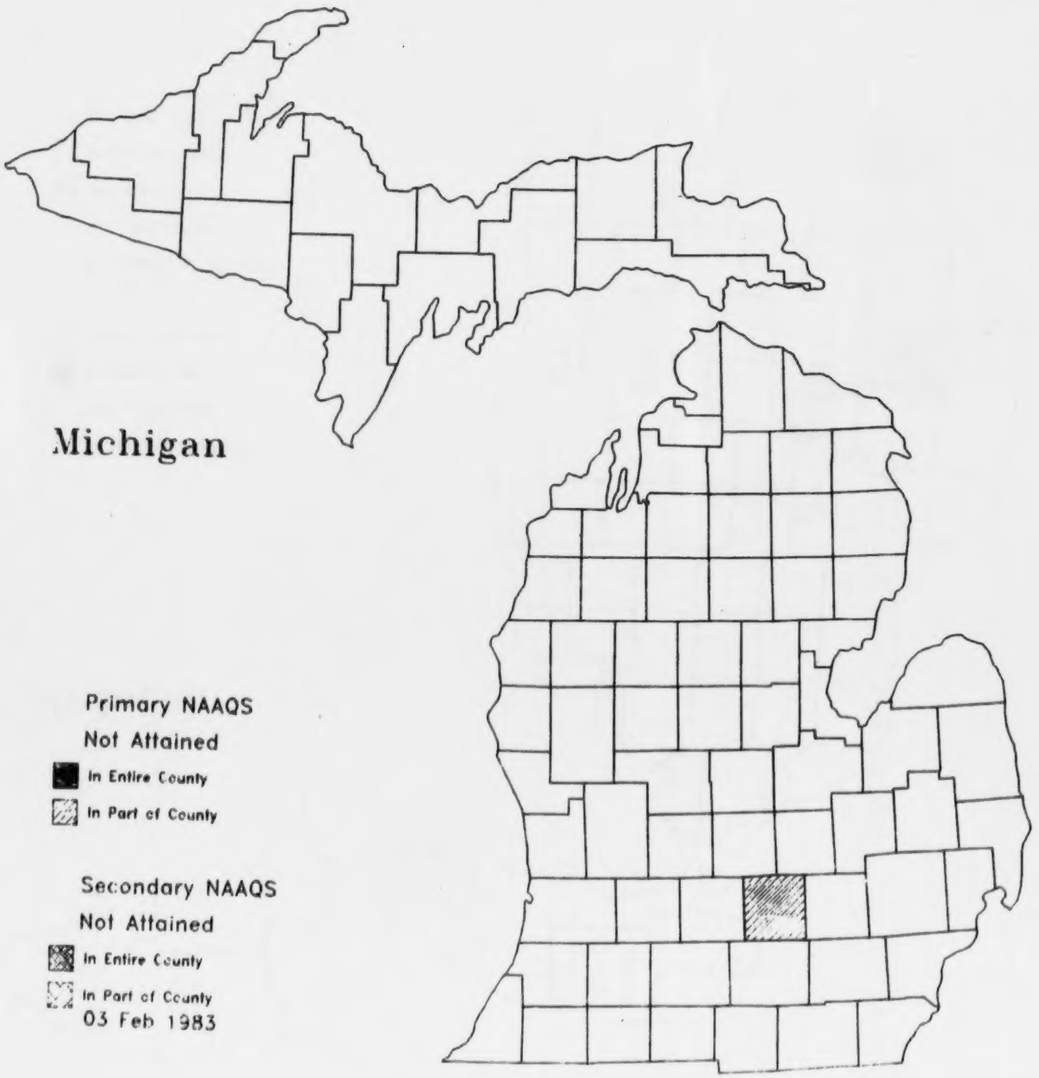
Promulgated List of CO Non-Attaining Counties -- 1983


Keweenaw
Houghton
Ontonagon
Baraga
Gogebic
Marquette
Iron
Alger
Luce
Chippewa
Schoolcraft
Dickinson
Mackinac
Delta
Menominee
Emmet
Cheboygan
Presque Isle
Charlevoix
Antrim
Otsego
Alpena
Leelanau
Benzie
Grand Traverse
Kalkaska
Crawford
Oscoda
Alcona
Manistee
Wexford
Missaukee
Roscommon
Ogemaw
Iosco
Mason
Lake
Osceola
Clare
Gladwin
Arenac
Oceana
Newaygo
Mecosta
Isabella
Midland
Bay
Huron
Montcalm
Gratiot
Saginaw
Tuscola
Sanilac
Muskegon
Kent
Ottawa
Ionia
Clinton
Shiawassee
Genesee
Lapeer
St Clair
Allegan
Barry
Eaton
Ingham
Livingston
Oakland
Macomb
Van Buren
Kalamazoo
Calhoun
Jackson
Washtenaw
Wayne
Berrien
Cass
St Joseph
Branch
Hillsdale
Lenawee
Monroe
Kilometers
0
50
100

Michigan


Michigan
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
⬚ In Part of County
05 Feb 1983

Promulgated List of TSP Non-Attaining Counties – 1983


Michigan
Primary NAAQS
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■ In Entire County
▨ In Part of County
Secondary NAAQS
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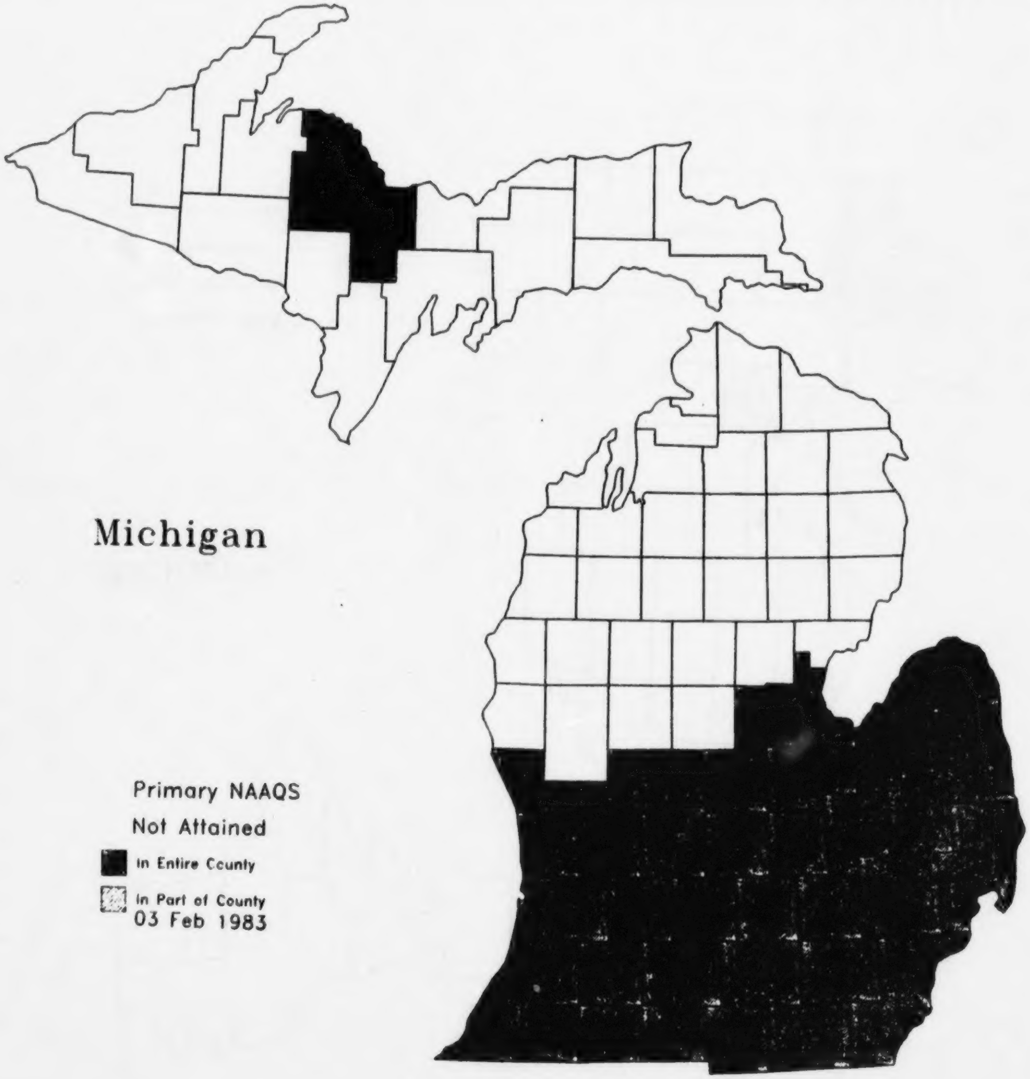
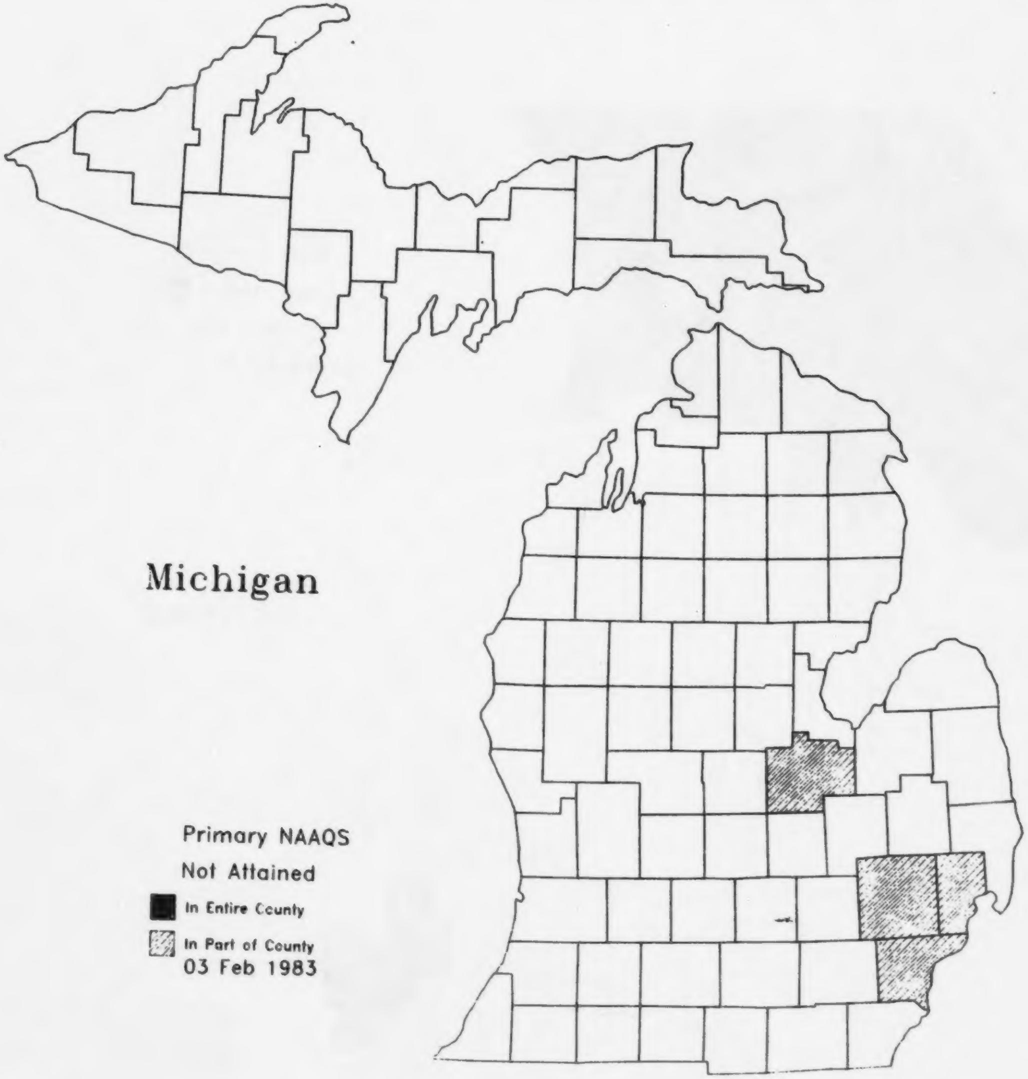
▩ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties - 1983

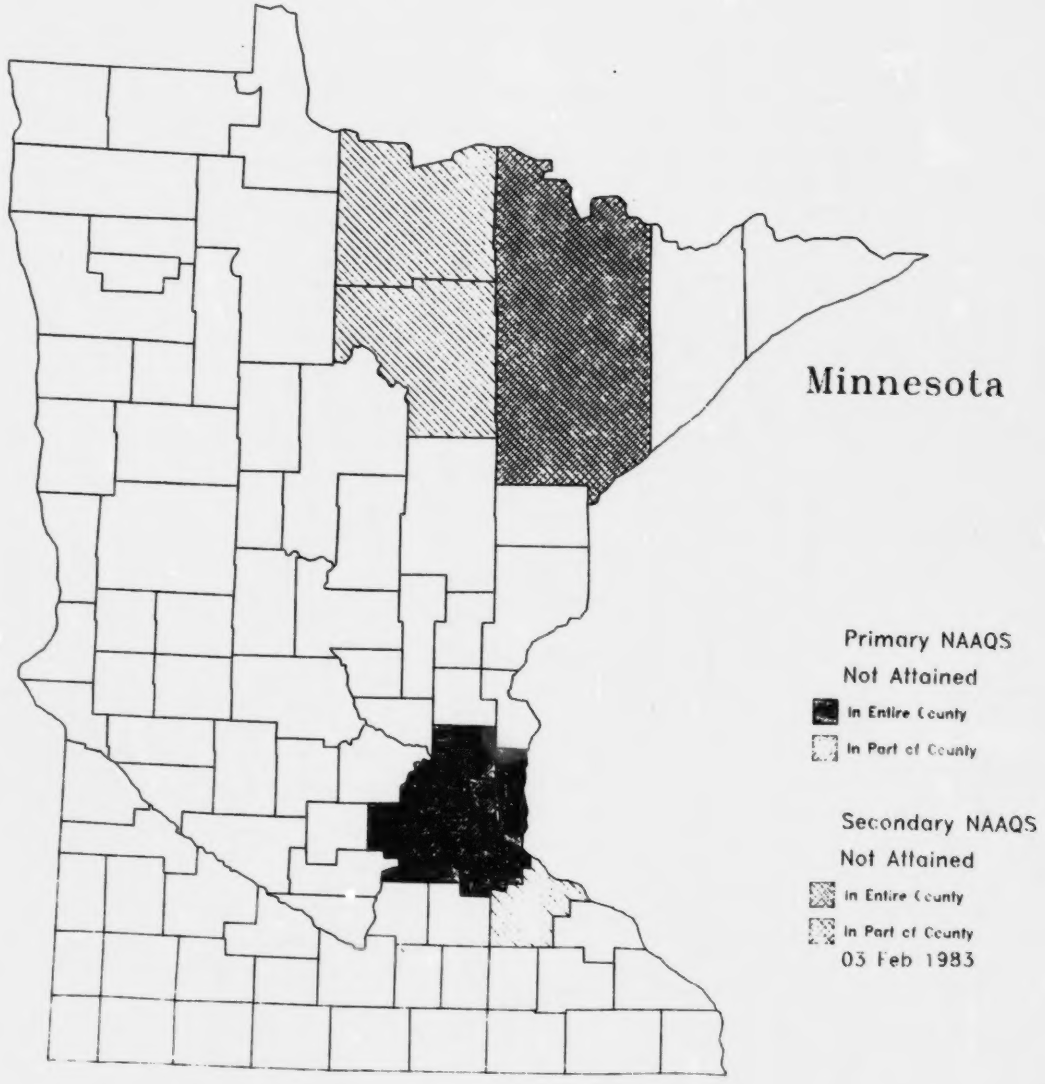

Michigan
Primary NAAQS
Not Attained
■ in Entire County
▨ in Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties - 1983

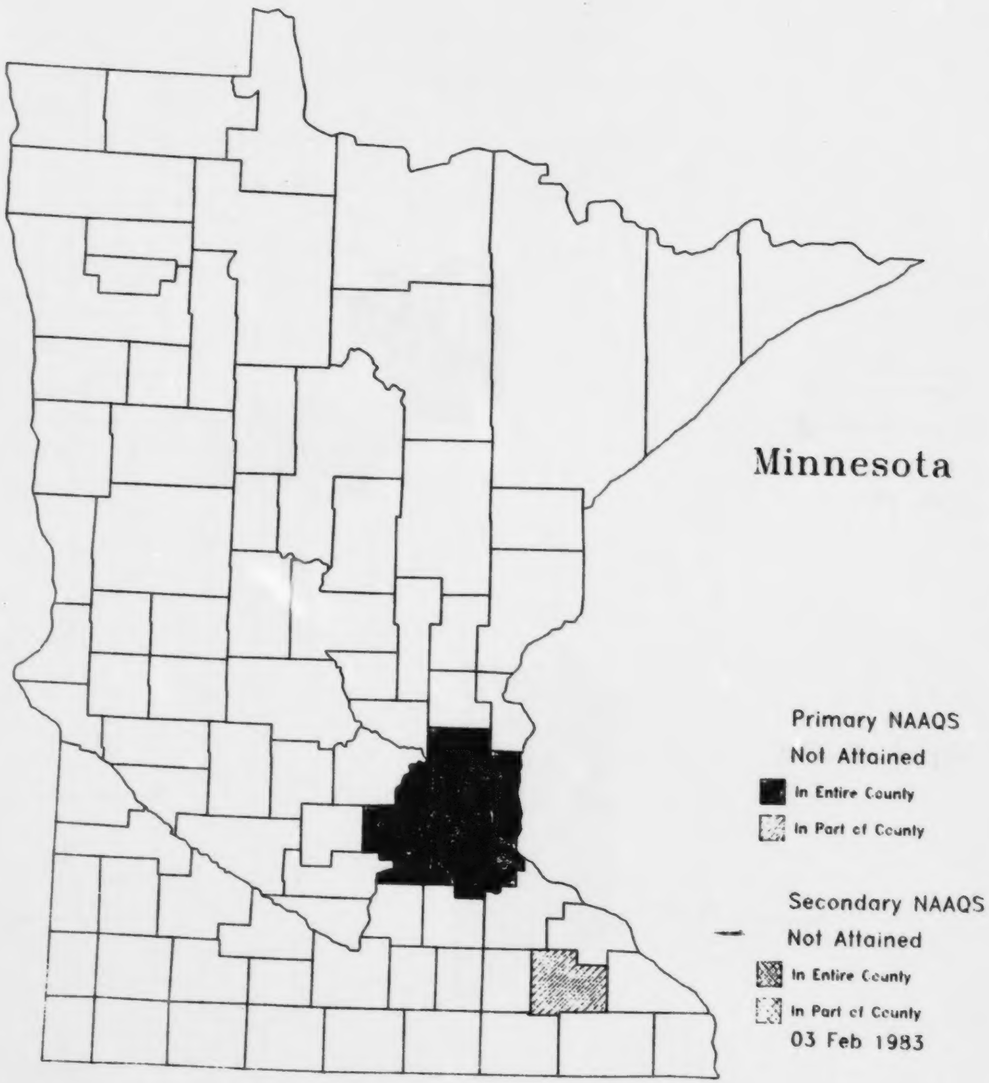

Michigan
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983

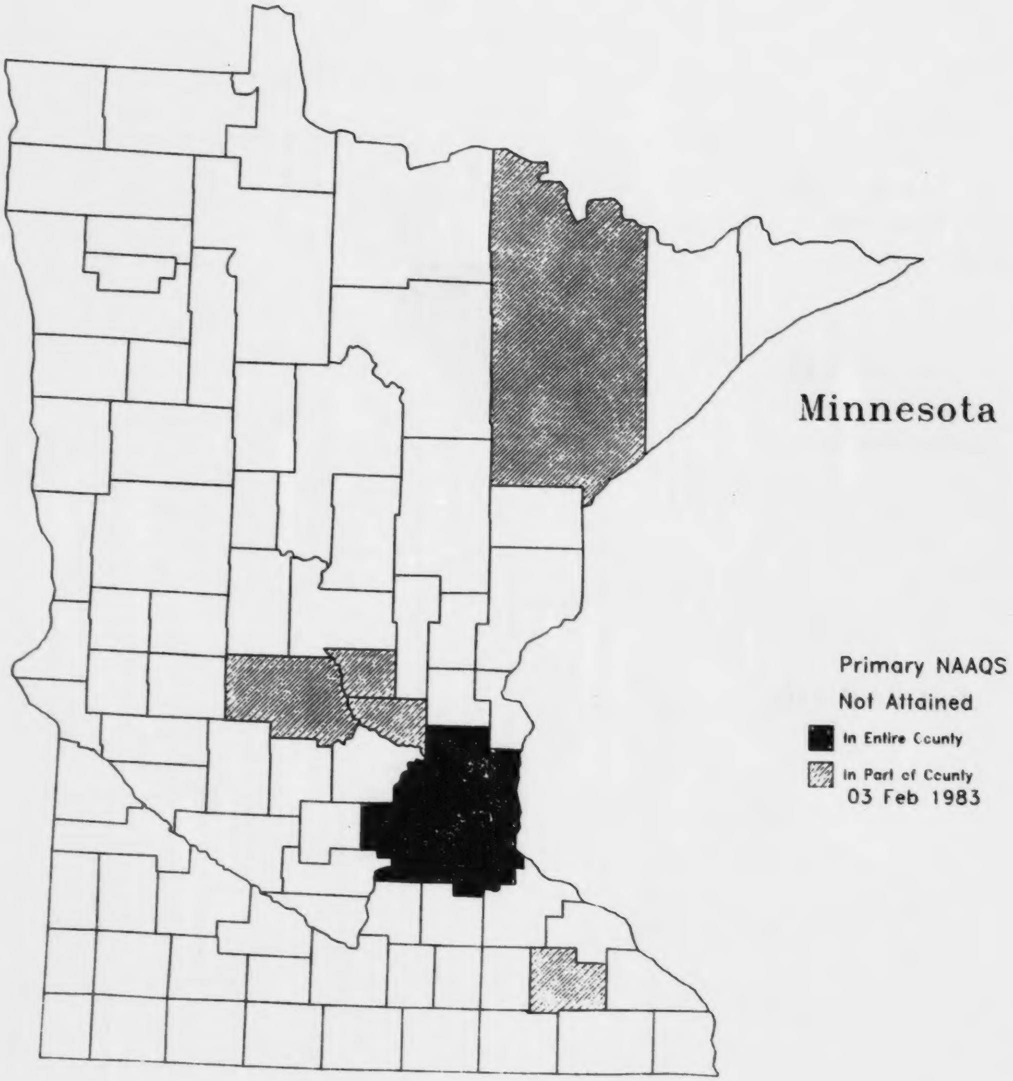
Minnesota
Kilometers
0
50
100
Kittson
Roseau
Lake Of The Woods
Marshall
Koochiching
Pennington
Red Lake
Beltrami
Polk
Clearwater
Itasca
St Louis
Lake
Cook
Norman
Mahnomen
Hubbard
Cass
Clay
Becker
Wadena
Crow Wing
Aitkin
Carlton
Wilkin
Otter Tail
Pine
Grant
Douglas
Todd
Morrison
Mille Lacs
Kanabec
Traverse
Stevens
Pope
Stearns
Benton
Isanti
Chisago
Big Stone
Sherburne
Swift
Kandiyohi
Meeker
Wright
Anoka
Lac Qui Parle
Chippewa
Hennepin
Ramsey
Washington
Yellow Medicine
Renville
Mc Leod
Carver
Scott
Dakota
Sibley
Lincoln
Lyon
Redwood
Nicollet
Le Sueur
Rice
Goodhue
Wabasha
Brown
Pipestone
Murray
Cottonwood
Watonwan
Blue Earth
Waseca
Steele
Dodge
Olmsted
Winona
Rock
Nobles
Jackson
Martin
Faribault
Freeborn
Mower
Fillmore
Houston


Minnesota
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties – 1983

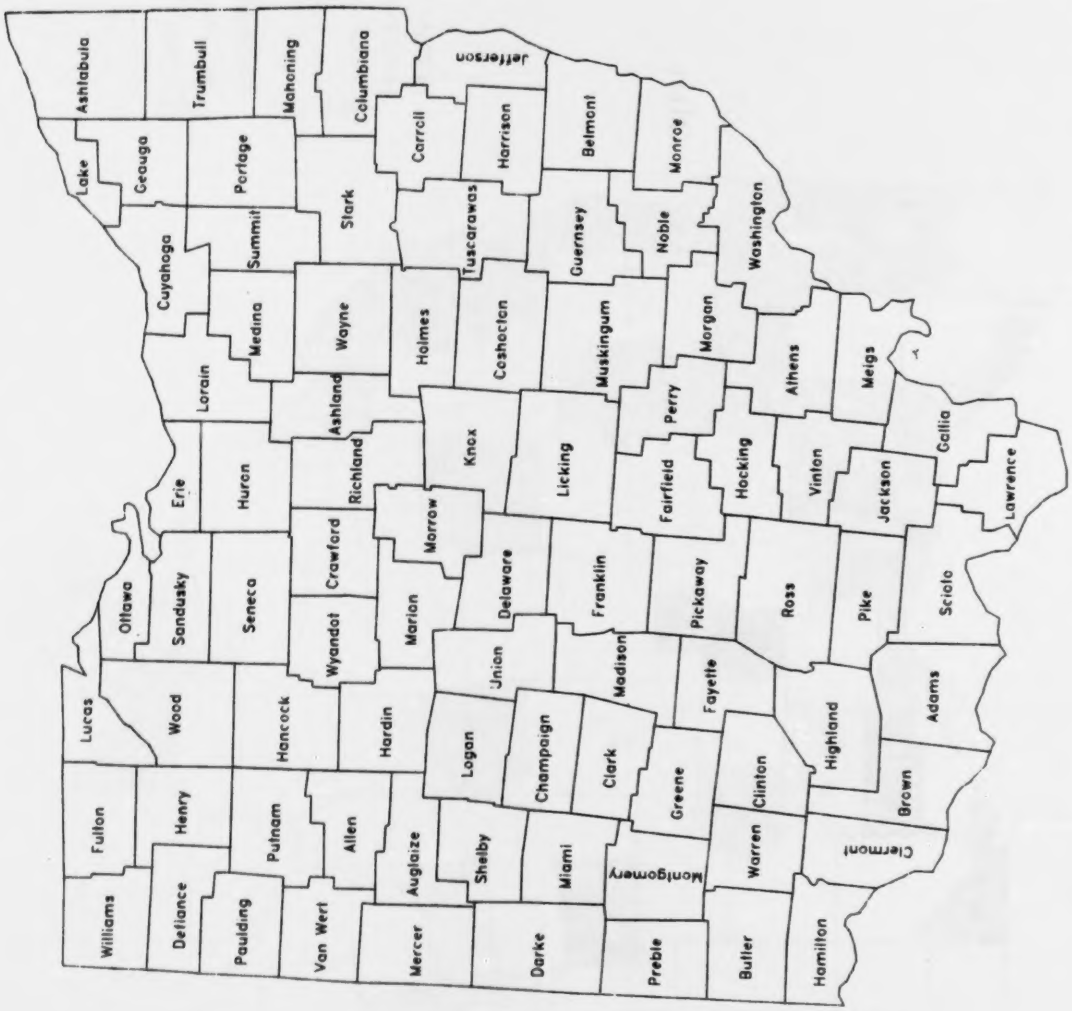

Minnesota
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▦ In Entire County
▨ In Part of County
03 Feb 1983

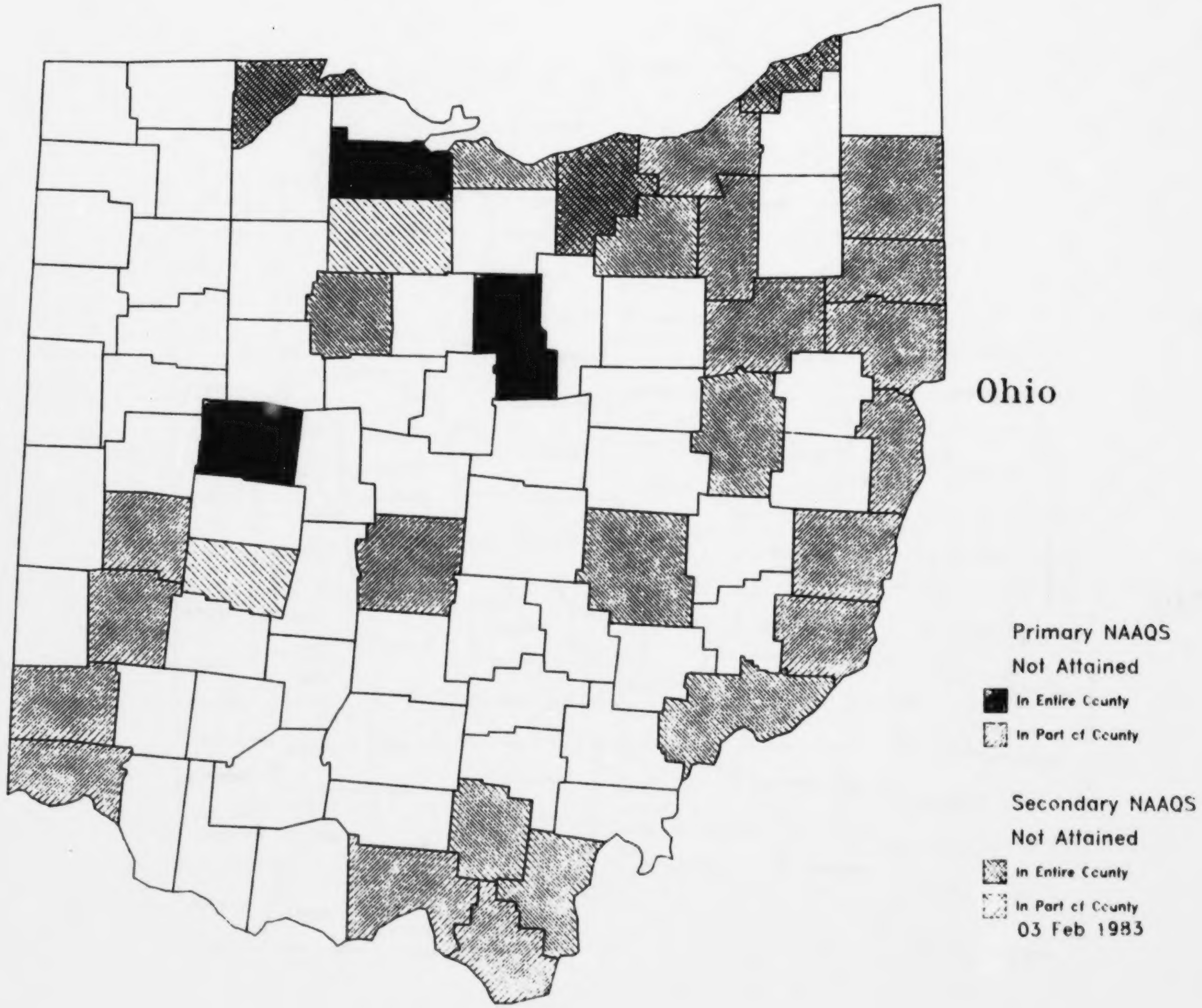
Promulgated List of SO2 Non-Attaining Counties -- 1983


Minnesota
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

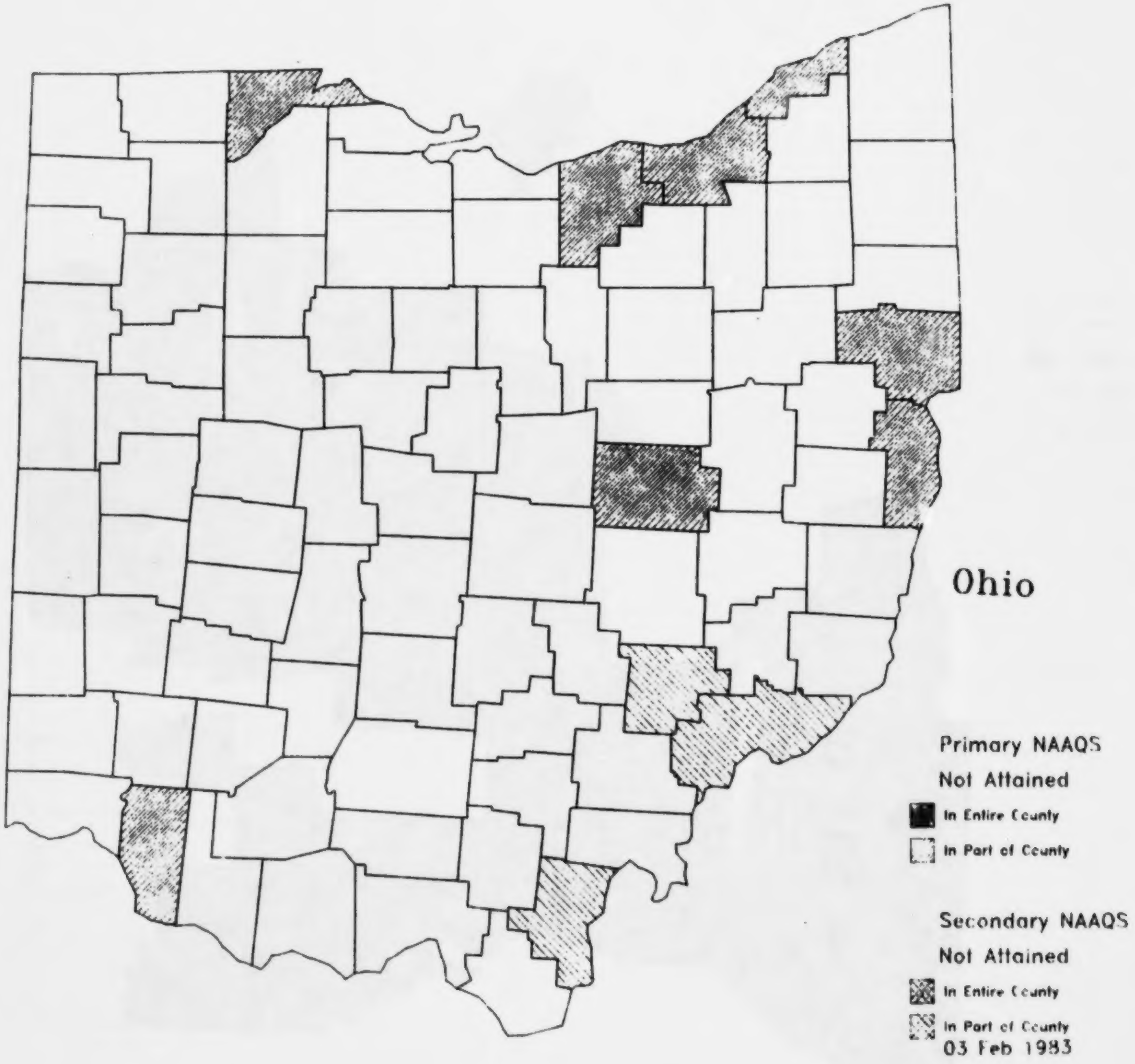
Promulgated List of CO Non-Attaining Counties - 1983

Ohio

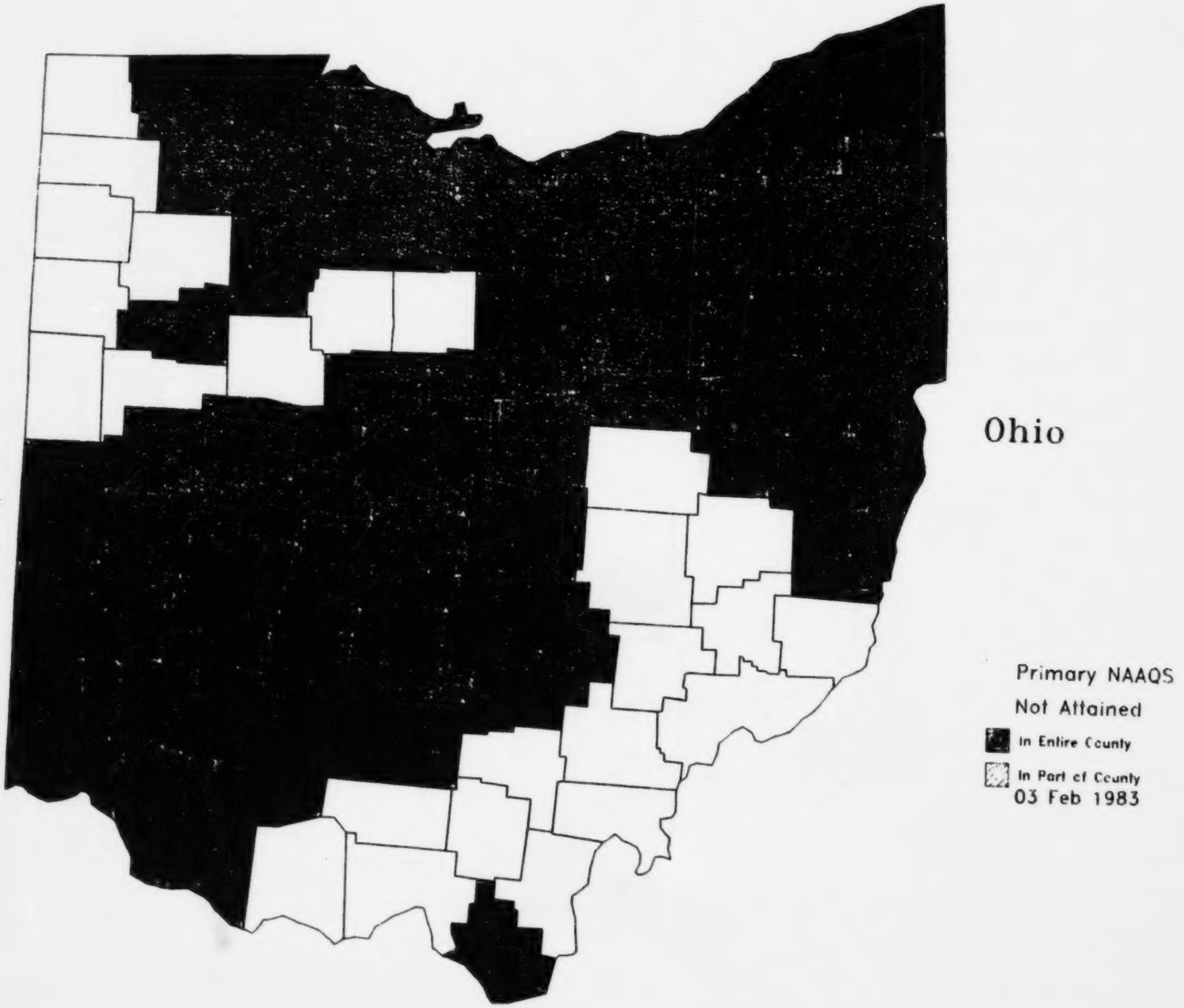

Kilometers
0 10 20 30 40 50
Ashtabula
Trumbull
Mahoning
Columbiana
Jefferson
Lake
Geauga
Portage
Stark
Carroll
Harrison
Belmont
Monroe
Cuyahoga
Summit
Tuscarawas
Guernsey
Noble
Washington
Lorain
Medina
Wayne
Holmes
Coshocton
Muskingum
Morgan
Athens
Meigs
Erie
Huron
Ashland
Richland
Knox
Licking
Perry
Hocking
Vinton
Gallia
Ottawa
Sandusky
Seneca
Crawford
Morrow
Delaware
Fairfield
Jackson
Lawrence
Lucas
Wood
Wyandot
Marion
Franklin
Pickaway
Ross
Pike
Scioto
Hancock
Hardin
Union
Madison
Fayette
Highland
Adams
Fulton
Henry
Putnam
Allen
Logan
Champaign
Clark
Greene
Clinton
Brown
Williams
Defiance
Paulding
Van Wert
Auglaize
Shelby
Miami
Montgomery
Warren
Clermont
Mercer
Darke
Preble
Butler
Hamilton


Ohio
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

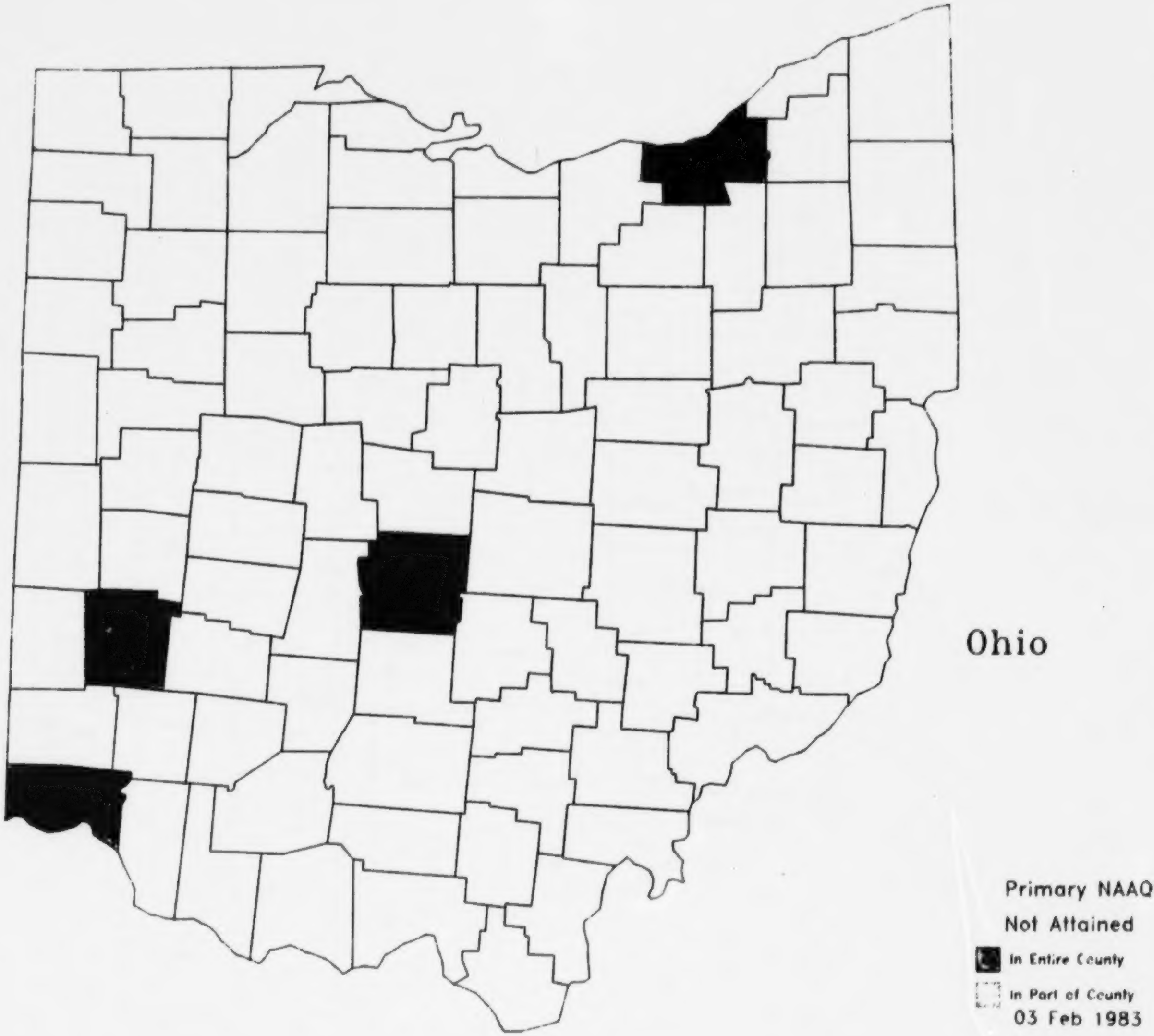
Promulgated List of TSP Non--Attaining Counties -- 1983


Ohio
Primary NAAQS
Not Attained
■ In Entire County
☐ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

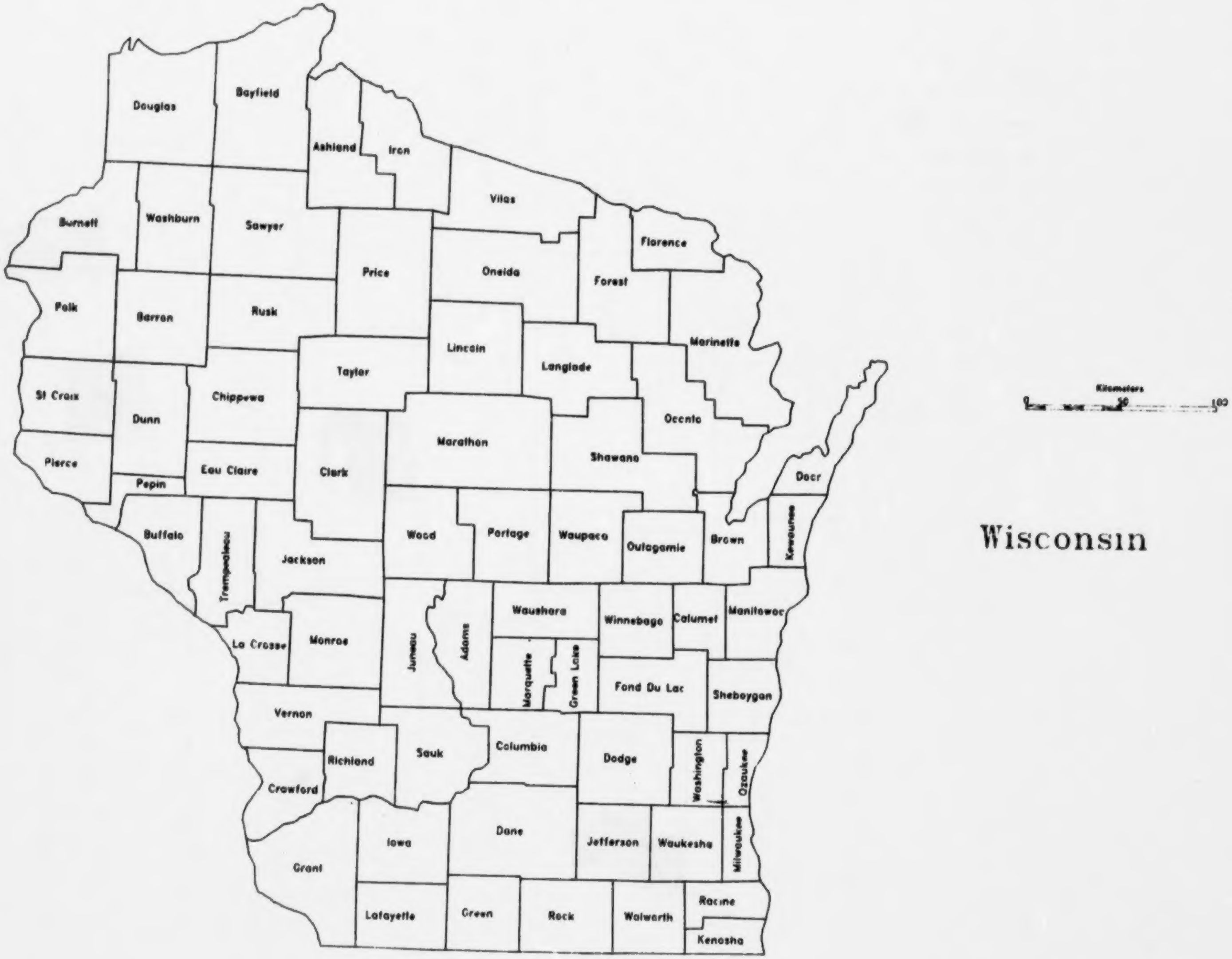
Promulgated List of SO2 Non-Attaining Counties -- 1983


Ohio
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

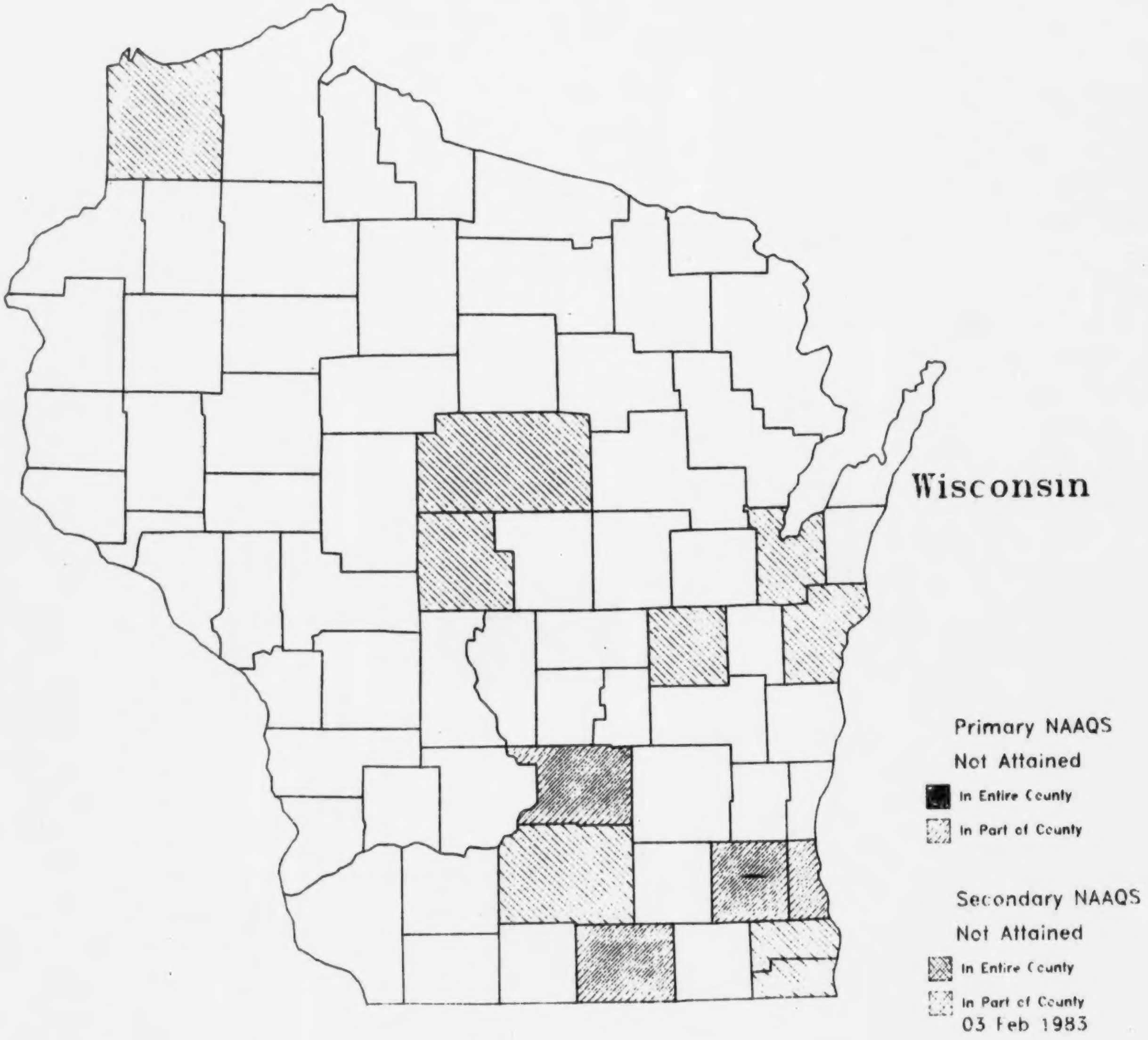
Promulgated List of O3 Non-Attaining Counties -- 1983


Ohio
Primary NAAQS
Not Attained
■ In Entire County
☐ In Part of County
03 Feb 1983

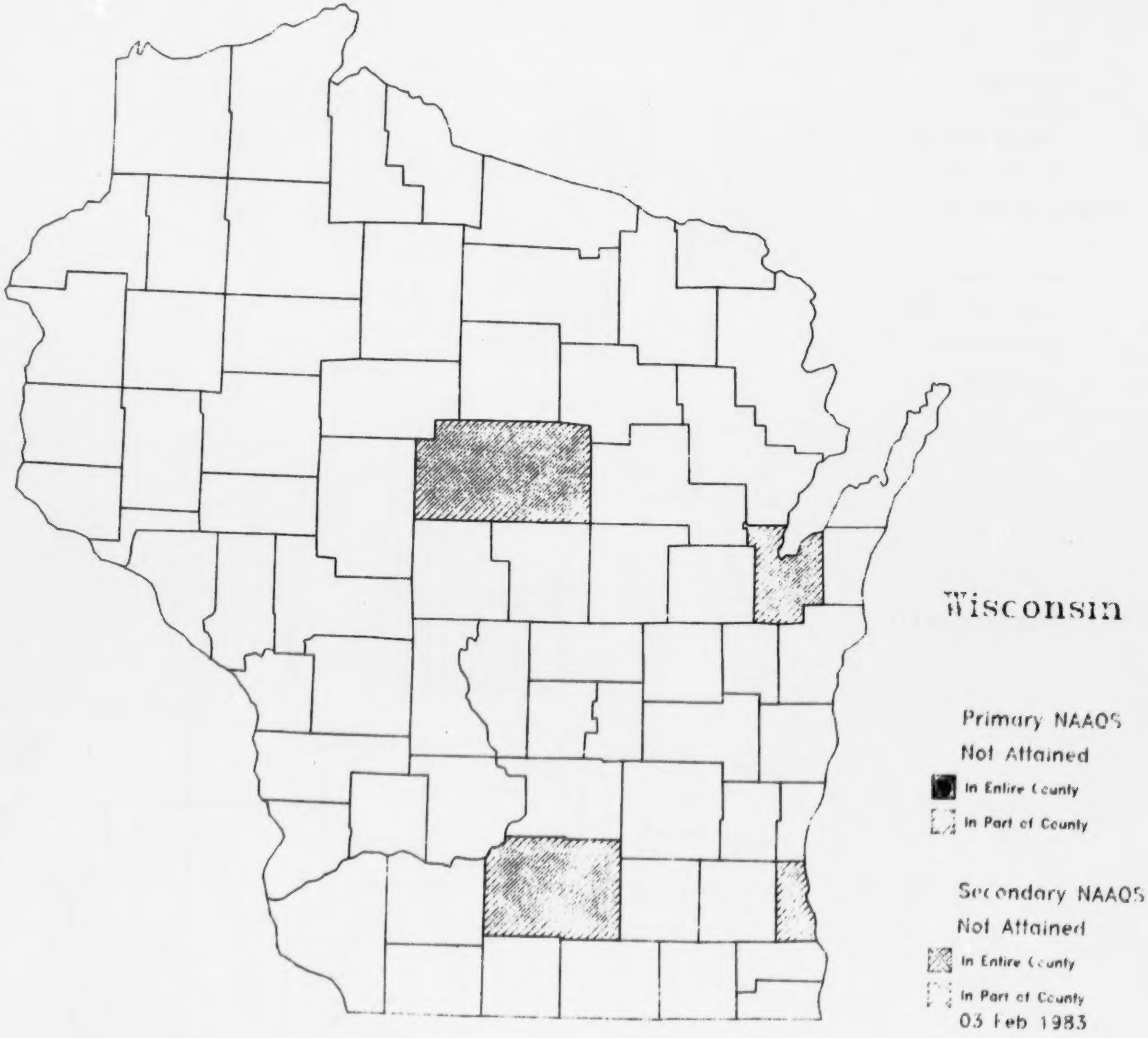
Promulgated List of CO Non-Attaining Counties -- 1983


Kilometers
0
50
100
Douglas
Bayfield
Ashland
Iron
Vilas
Burnett
Washburn
Sawyer
Price
Oneida
Forest
Florence
Polk
Barron
Rusk
Lincoln
Langlade
Marinette
Taylor
St Croix
Dunn
Chippewa
Occnto
Marathon
Pierce
Pepin
Eau Claire
Clark
Shawano
Door
Buffalo
Trempealeau
Jackson
Wood
Portage
Waupaca
Outagamie
Brown
Kewaunee
Waushara
Winnebago
Calumet
Manitowoc
La Crosse
Monroe
Juneau
Adams
Marquette
Green Lake
Fond Du Lac
Sheboygan
Vernon
Richland
Sauk
Columbia
Dodge
Washington
Ozaukee
Crawford
Grant
Iowa
Dane
Jefferson
Waukesha
Milwaukee
Lafayette
Green
Rock
Walworth
Racine
Kenosha

Wisconsin


Wisconsin
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983


Wisconsin
Primary NAAQS
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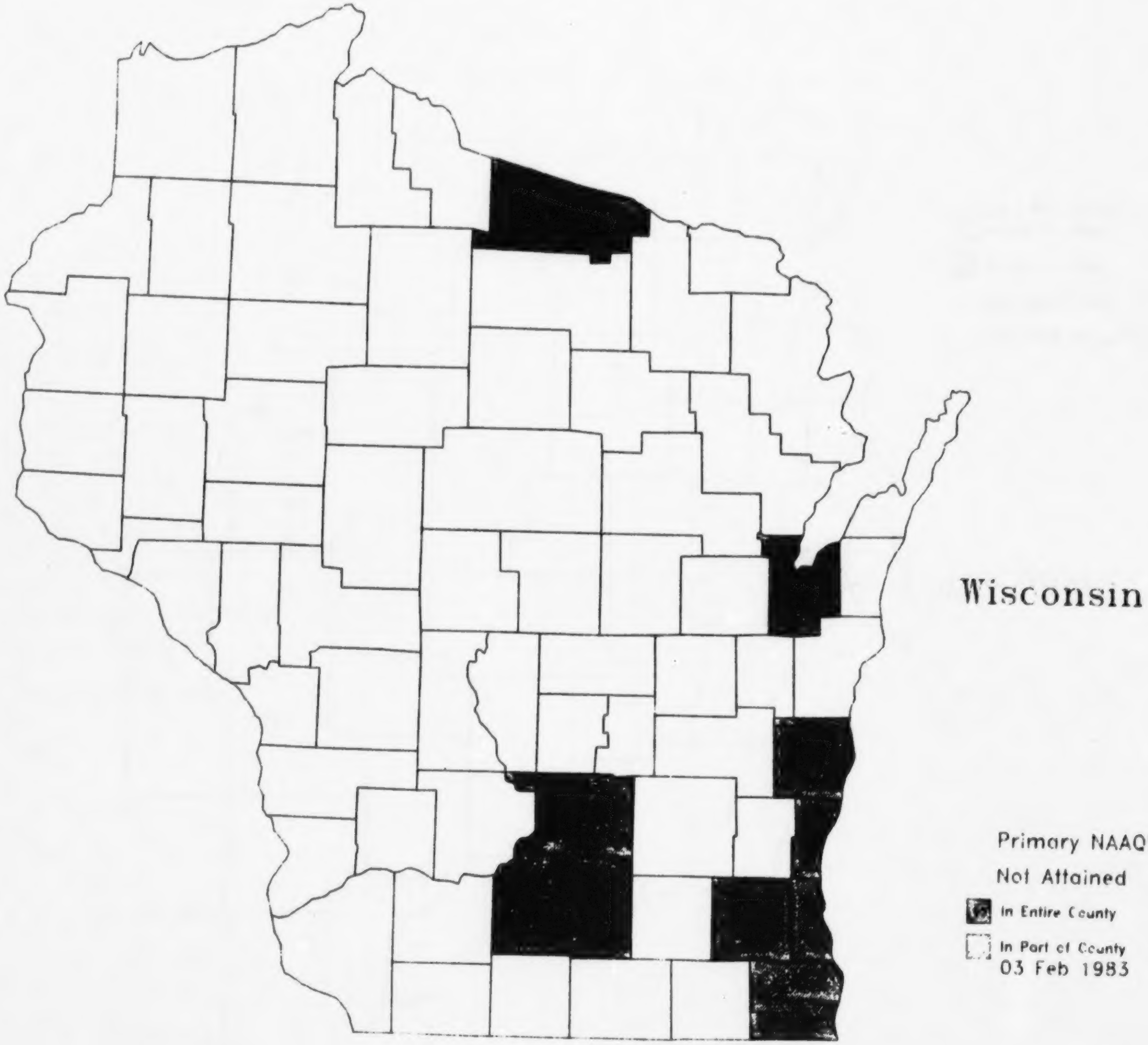
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties - 1983


Wisconsin
Primary NAAQS
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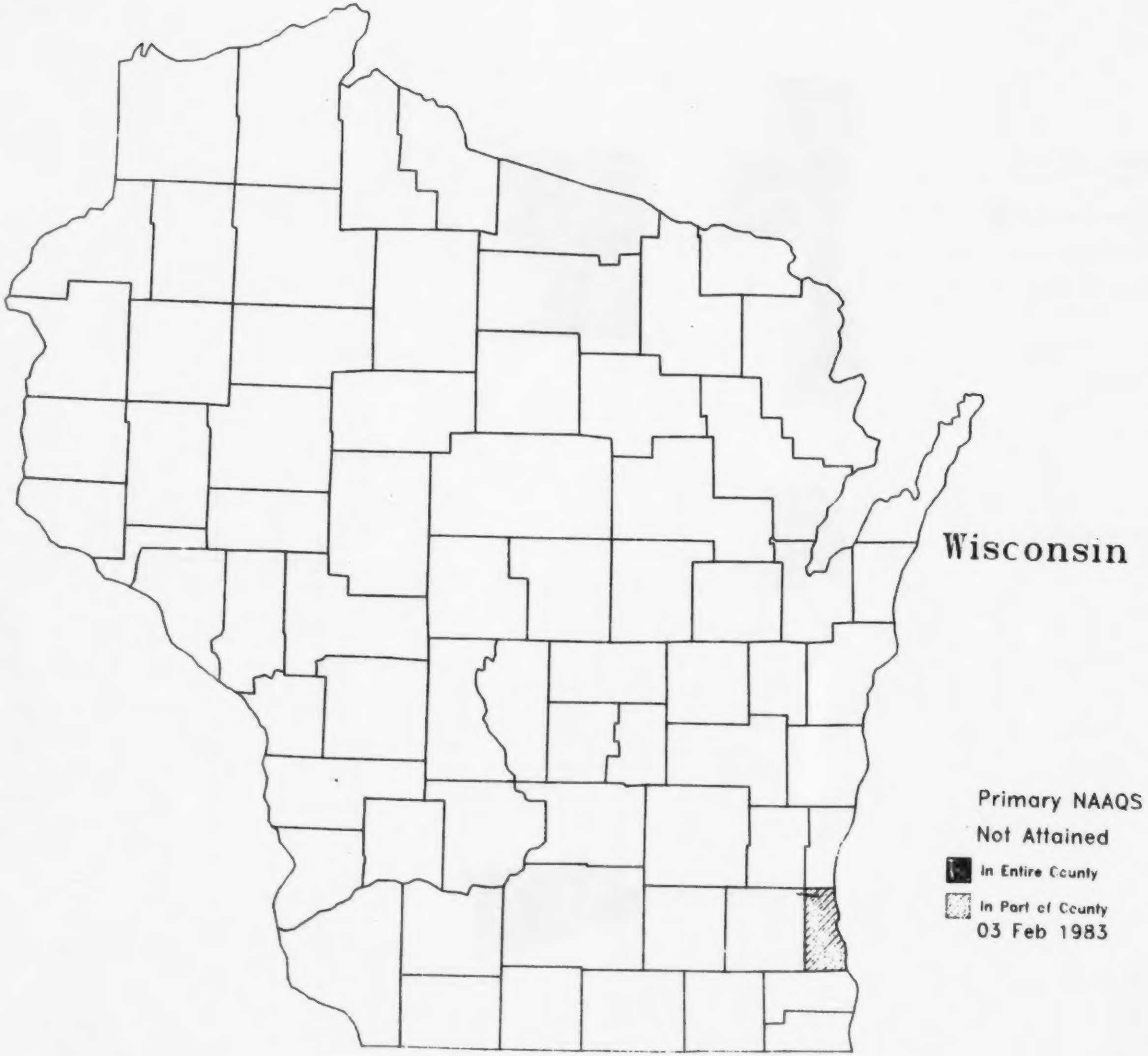
☐ In Part of County
03 Feb 1983

Promulgated List of 03 Non-Attaining Counties 1983


Wisconsin
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non--Attaining Counties -- 1983

Region VI

Arkansas, Louisiana, New Mexico, Oklahoma, Texas

Air Programs Branch
EPA Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270
(214) 767-2742
FTS: 729-2742

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR ARKANSAS

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Pulaski Co	340,613							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR LOUISIANA

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Ascension Par	50,068							W
Beauregard Par	29,692							W
Bossier Par	80,721							W
Caddo Par	252,358							W
Calcasieu Par	167,223							W
East Baton Rouge Par	366,191							W
Grant Par	16,703							W
Iberville Par	32,159							W
Jefferson Par	454,592							W
Lafayette Par	150,017							W
Lafourche Par	82,483							W
Orleans Par	557,927							W
Pointe Coupee Par	24,045							W
St Bernard Par	64,097							W
St Charles Par	37,259							W
St James Par	21,495							W
St John The Baptist Par	31,924							W
St Mary Par	64,253							W
West Baton Rouge Par	19,086							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NEW MEXICO

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Bernalillo Co	419,700	P				W		
Dona Ana Co	96,340					P		
Eddy Co	47,855	P						
Grant Co	26,204	P		P	P			
Lea Co	55,993	P						
San Juan Co	81,433			P				

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR OKLAHOMA

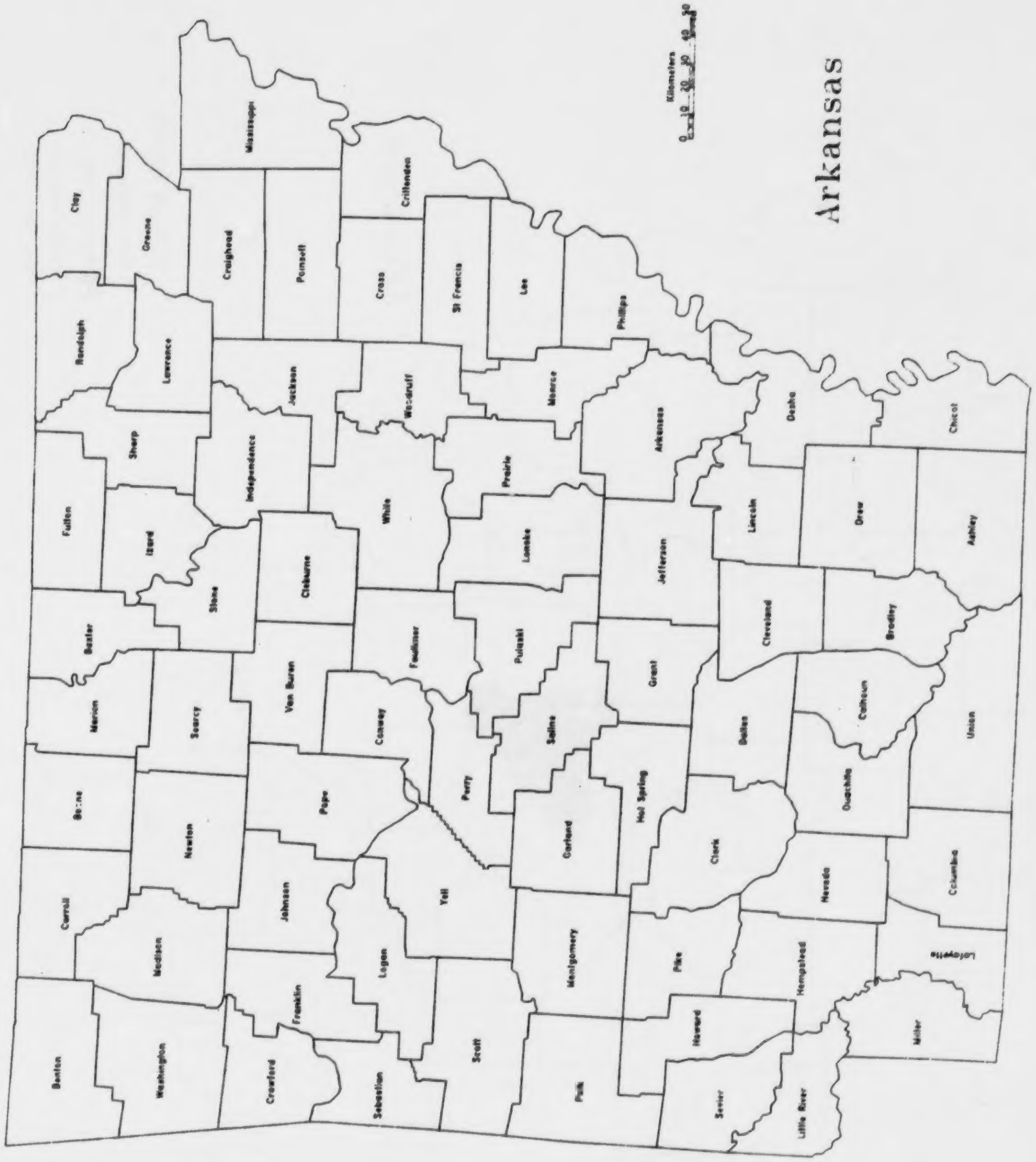
COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Mayes Co	32,261	P						
Oklahoma Co	568,933	P						
Tulsa Co	470,593	P				P		W

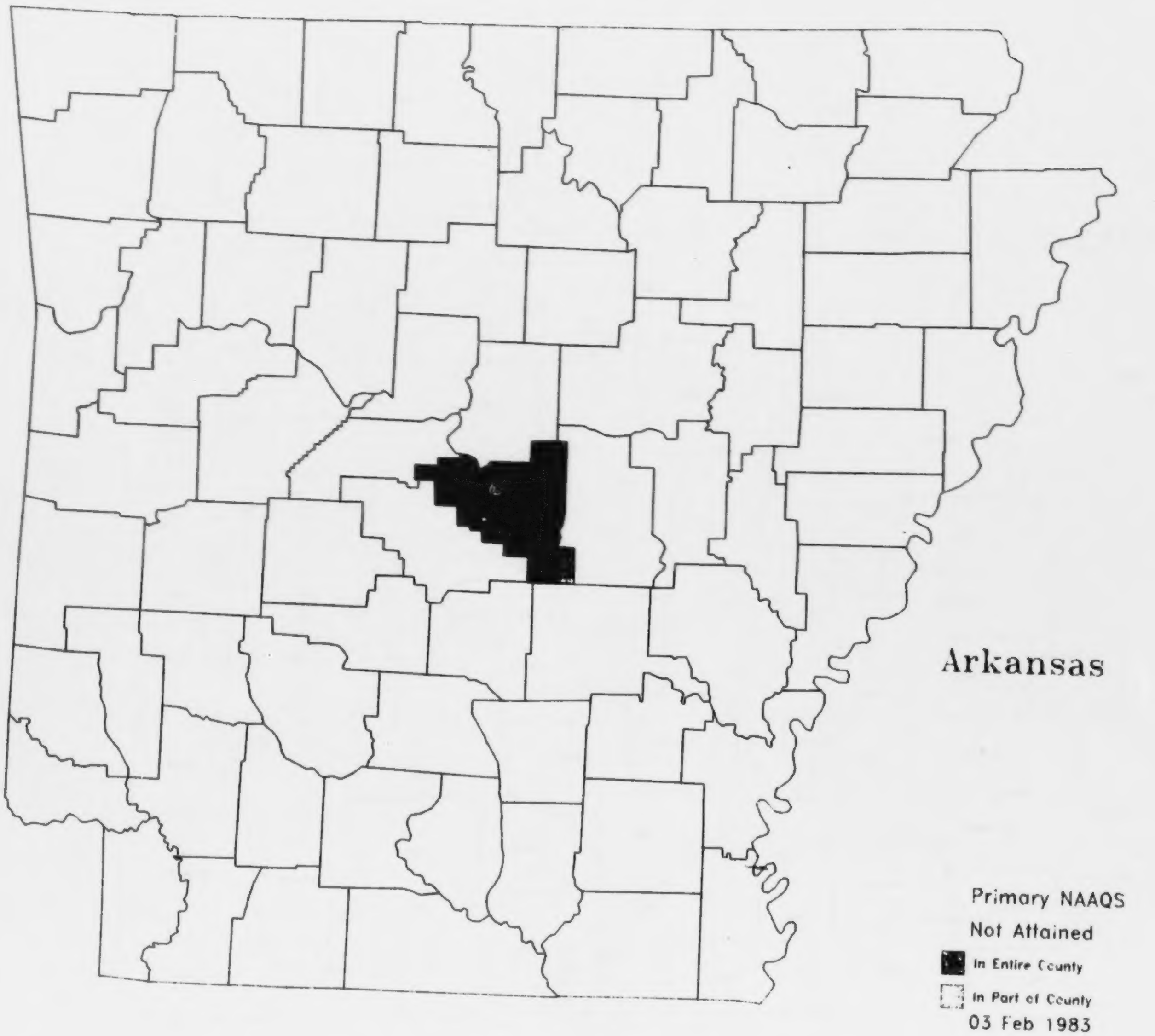
P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR TEXAS

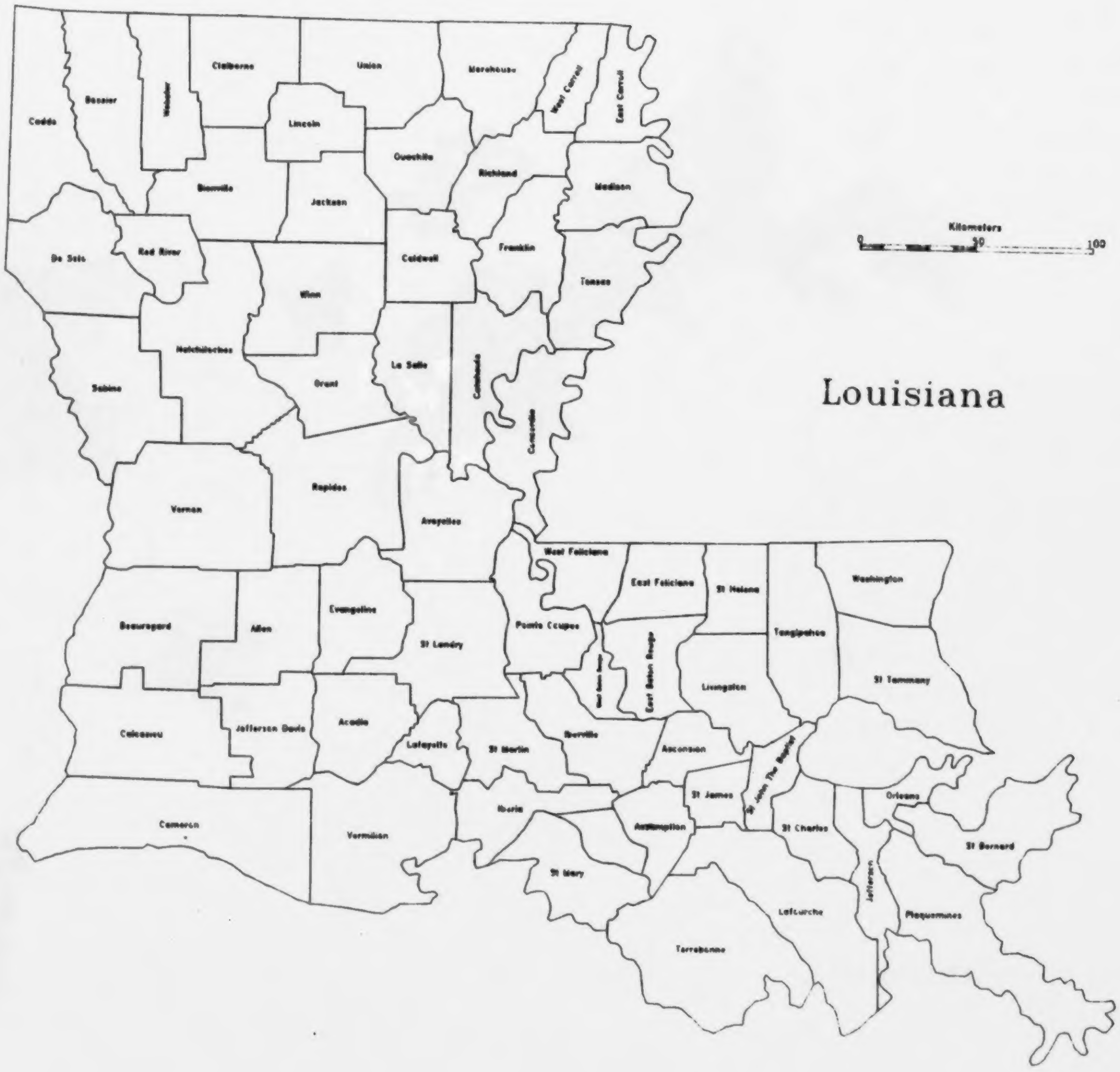
COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NOX	OZ
Brazoria Co	169,587							W
Cameron Co	209,727	P						
Dallas Co	1,556,390							W
El Paso Co	479,899	P				P		W
Galveston Co	195,940							W
Gregg Co	99,495							W
Harris Co	2,409,547	P	P					W
Jefferson Co	250,938							W
Nueces Co	268,215	P						W
Orange Co	83,838							W
Tarrant Co	860,880							W
Victoria Co	68,807							W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

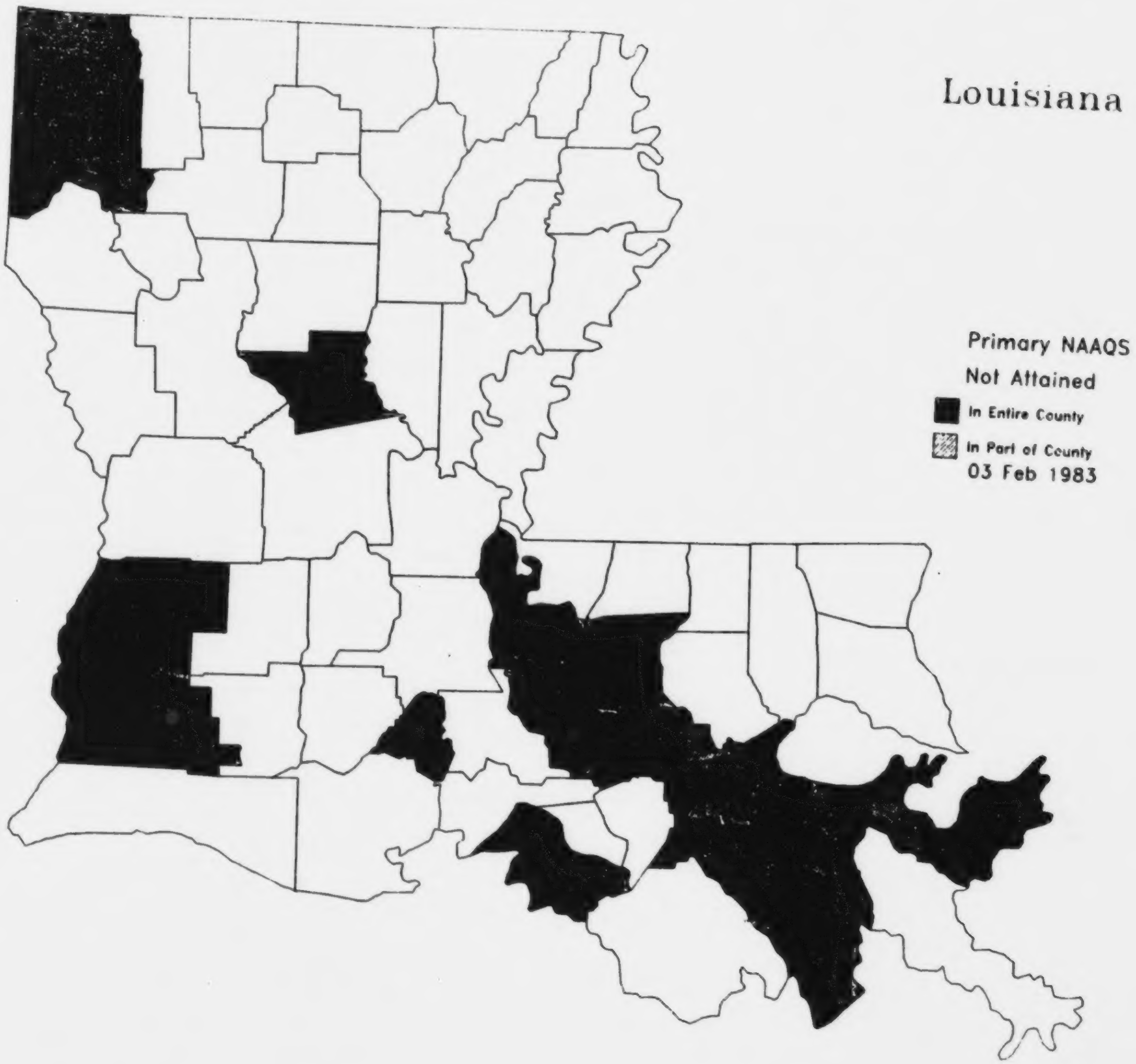

Arkansas
Kilometers
0 10 20 30 40 50
Clay
Greene
Mississippi
Craighead
Poinsett
Crittenden
Cross
St Francis
Lee
Phillips
Randolph
Lawrence
Jackson
Woodruff
Monroe
Arkansas
Desha
Chicot
Sharp
Independence
Prairie
Fulton
Izard
White
Lonoke
Lincoln
Drew
Ashley
Stone
Cleburne
Jefferson
Baxter
Faulkner
Pulaski
Cleveland
Bradley
Marion
Searcy
Van Buren
Grant
Conway
Saline
Dallas
Calhoun
Union
Boone
Newton
Pope
Perry
Hot Spring
Ouachita
Garland
Clark
Nevada
Columbia
Carroll
Johnson
Yell
Madison
Logan
Montgomery
Pike
Hempstead
Lafayette
Franklin
Howard
Miller
Benton
Washington
Crawford
Sebastian
Scott
Polk
Sevier
Little River


Arkansas
Primary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

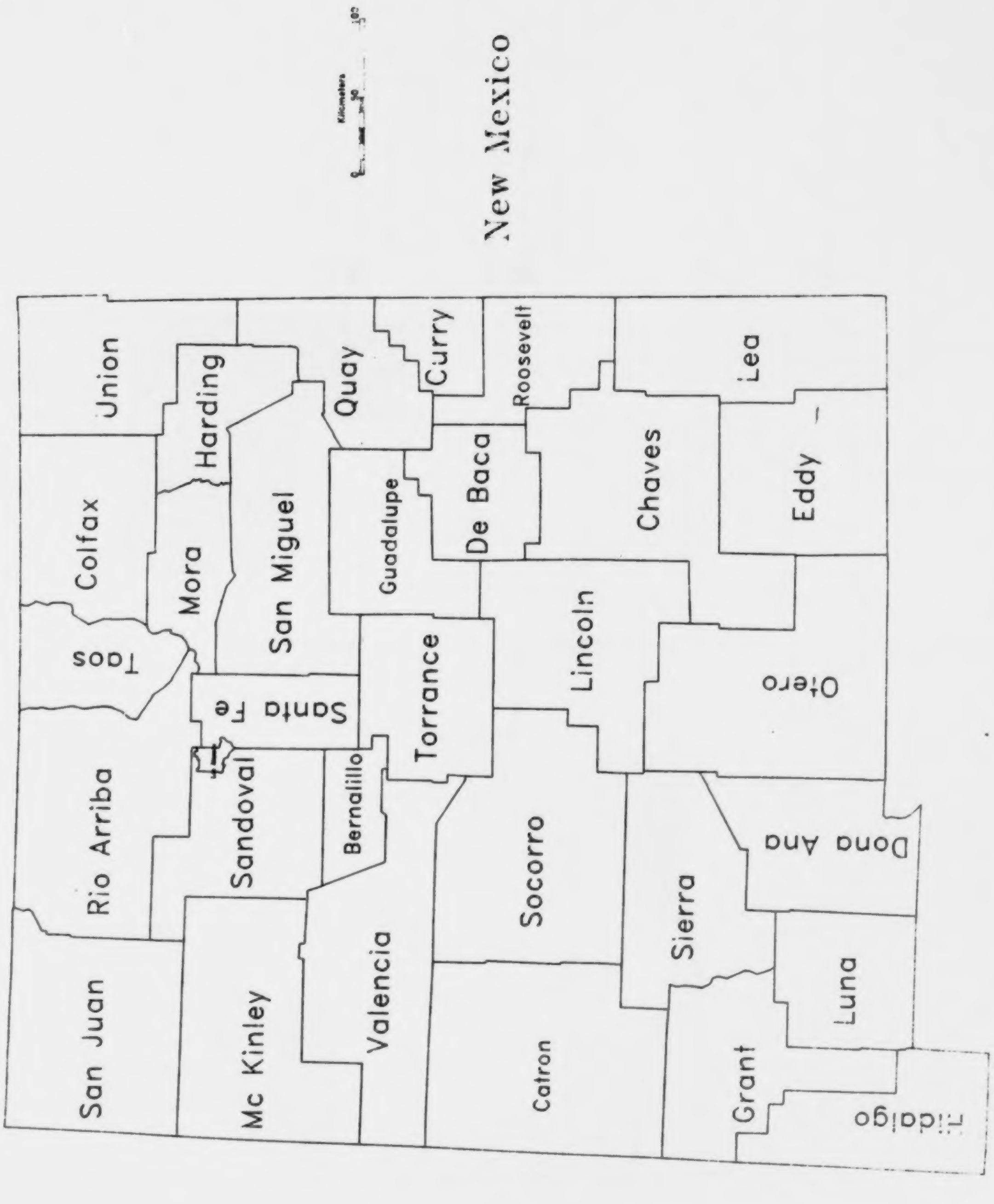
Promulgated List of O_3 Non-Attaining Counties -- 1983

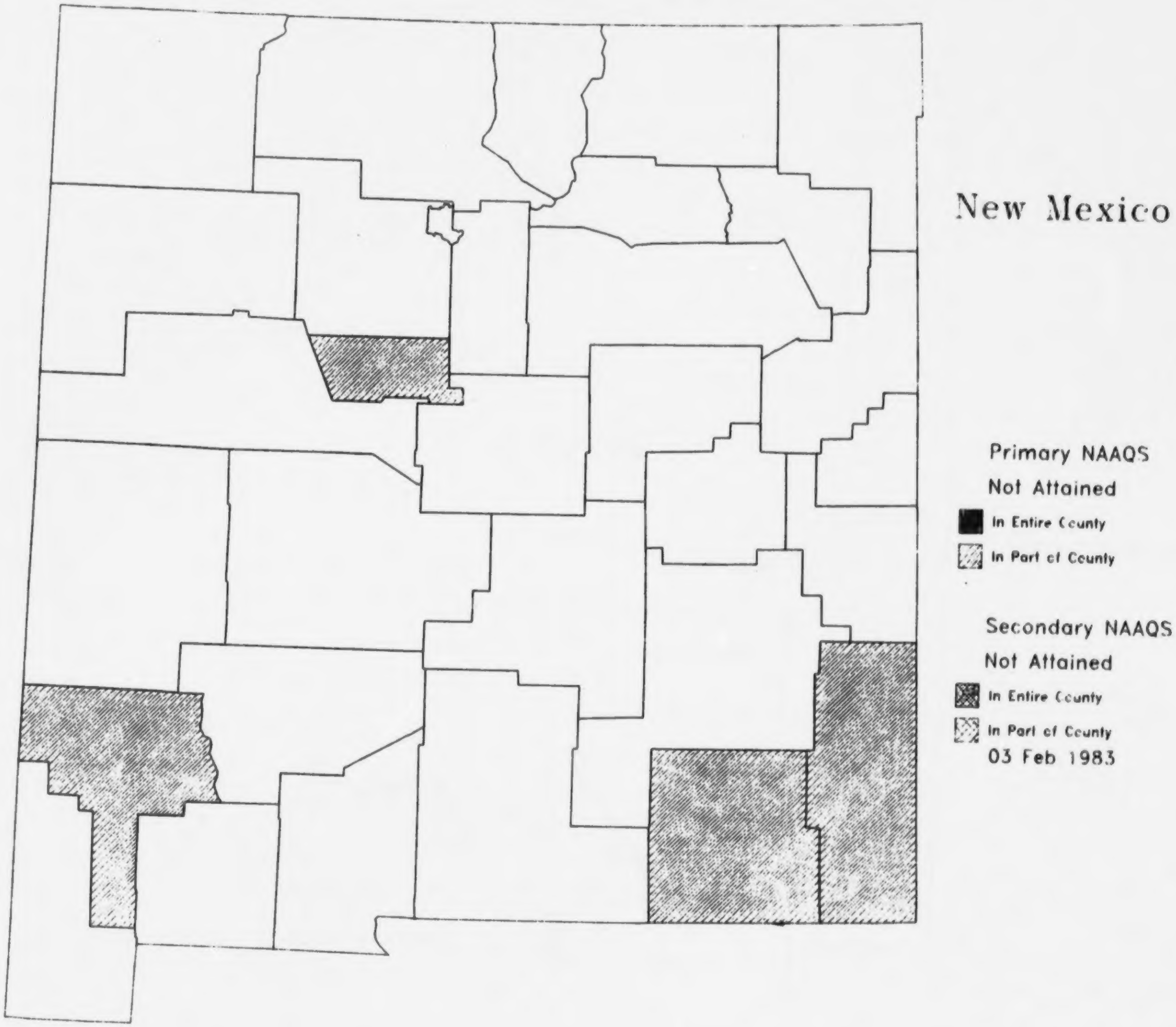

Kilometers
0
50
100
Caddo
Bossier
Webster
Claiborne
Union
Morehouse
West Carroll
East Carroll
Lincoln
Ouachita
Richland
Madison
Bienville
Jackson
De Soto
Red River
Caldwell
Franklin
Tensas
Winn
Natchitoches
La Salle
Catahoula
Concordia
Sabine
Grant
Vernon
Rapides
Avoyelles
West Feliciana
East Feliciana
St Helena
Tangipahoa
Washington
Beauregard
Allen
Evangeline
St Landry
Pointe Coupee
West Baton Rouge
East Baton Rouge
Livingston
St Tammany
Calcasieu
Jefferson Davis
Acadia
Lafayette
St Martin
Iberville
Ascension
St John The Baptist
St James
St Charles
Orleans
St Bernard
Cameron
Vermilion
Iberia
Assumption
St Mary
Terrebonne
Lafourche
Jefferson
Plaquemines

Louisiana


Louisiana
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of O3 Non--Attaining Counties -- 1983

New Mexico
Kilometers
0
50
100
Union
Harding
Quay
Curry
Roosevelt
Lea
Colfax
Mora
San Miguel
Guadalupe
De Baca
Chaves
Eddy
Taos
Santa Fe
Torrance
Lincoln
Otero
Rio Arriba
Sandoval
Bernalillo
Socorro
Sierra
Dona Ana
San Juan
Mc Kinley
Valencia
Catron
Grant
Luna
Hidalgo


New Mexico
Primary NAAQS
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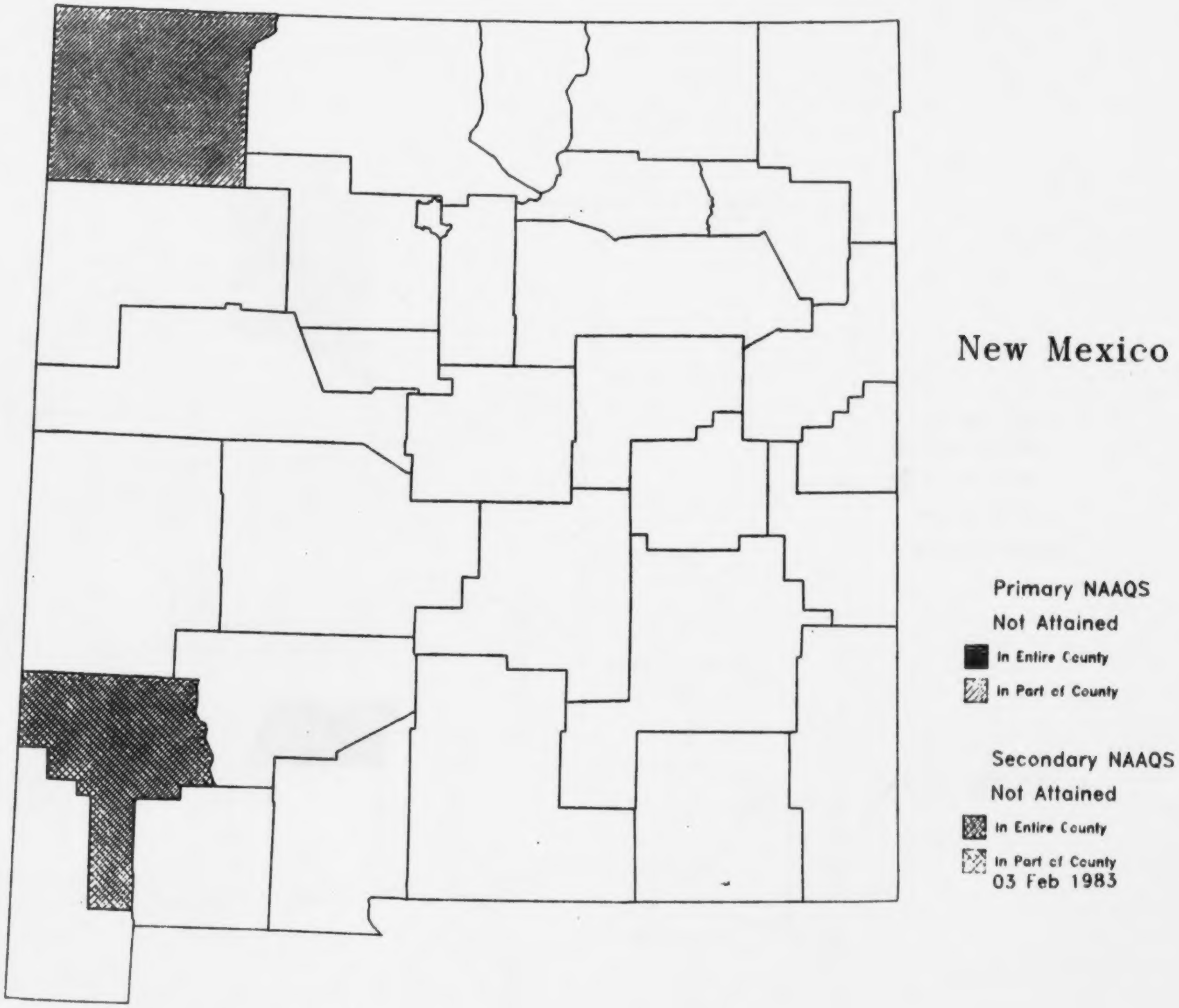
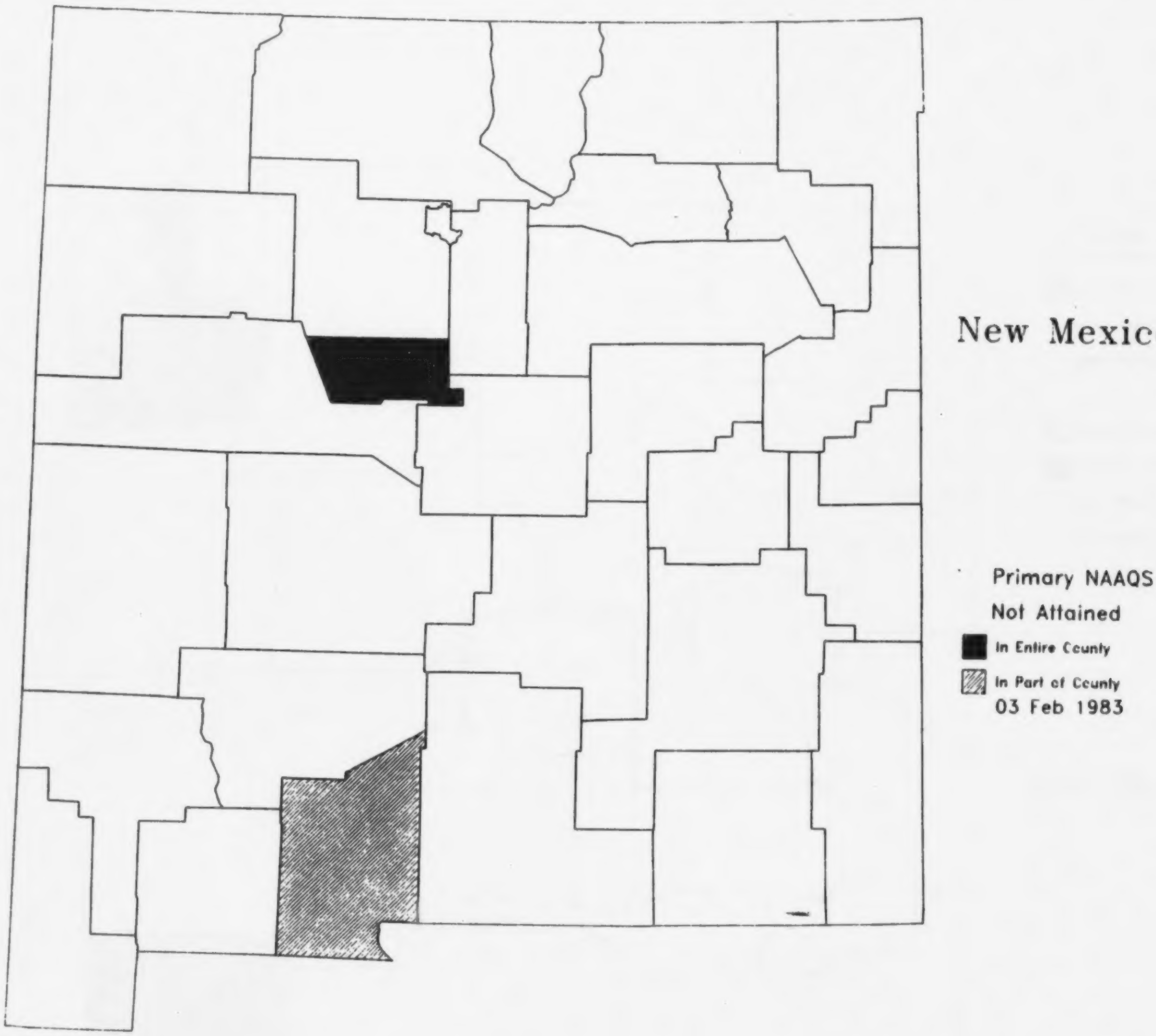
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

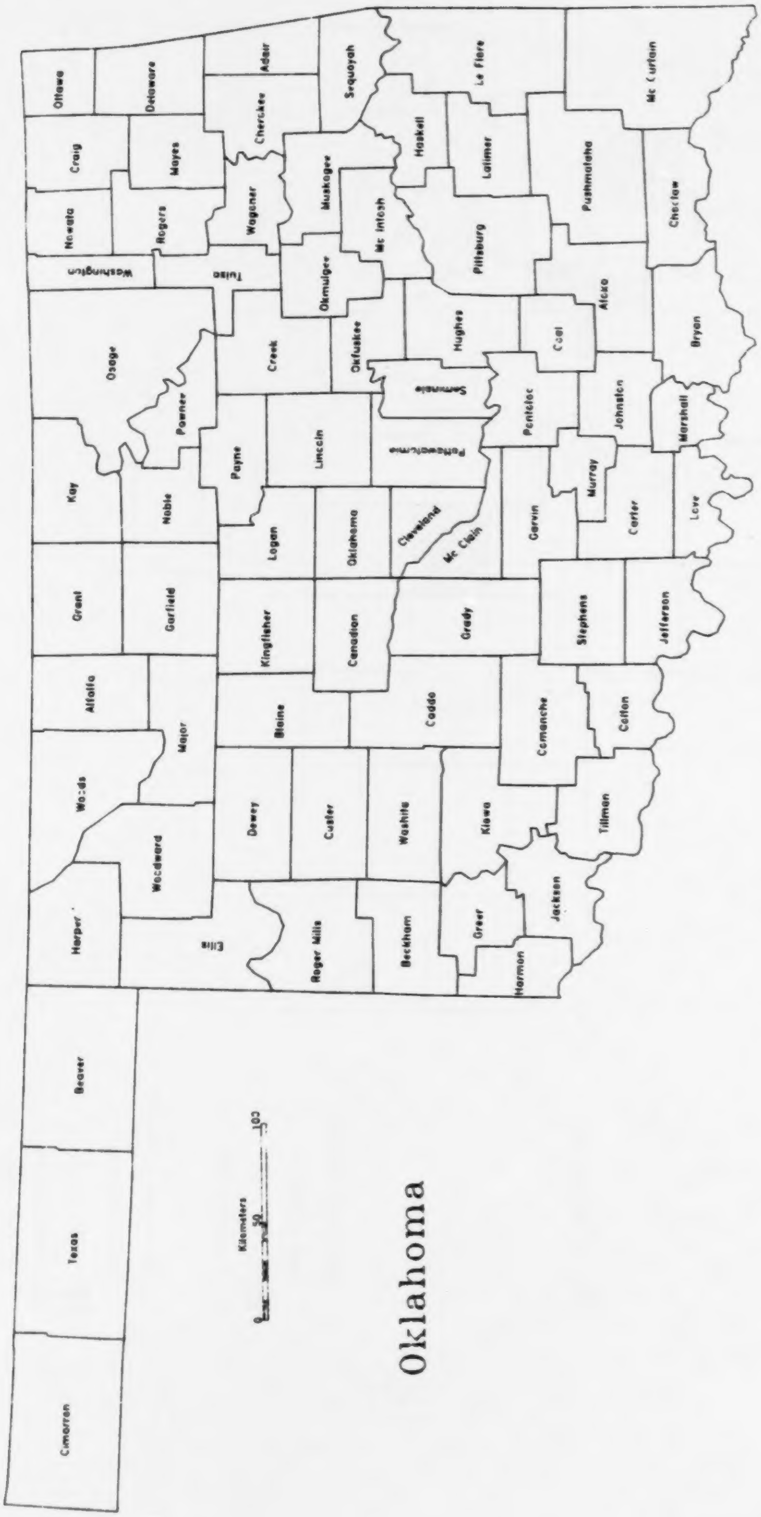
Promulgated List of TSP Non-Attaining Counties -- 1983


New Mexico
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

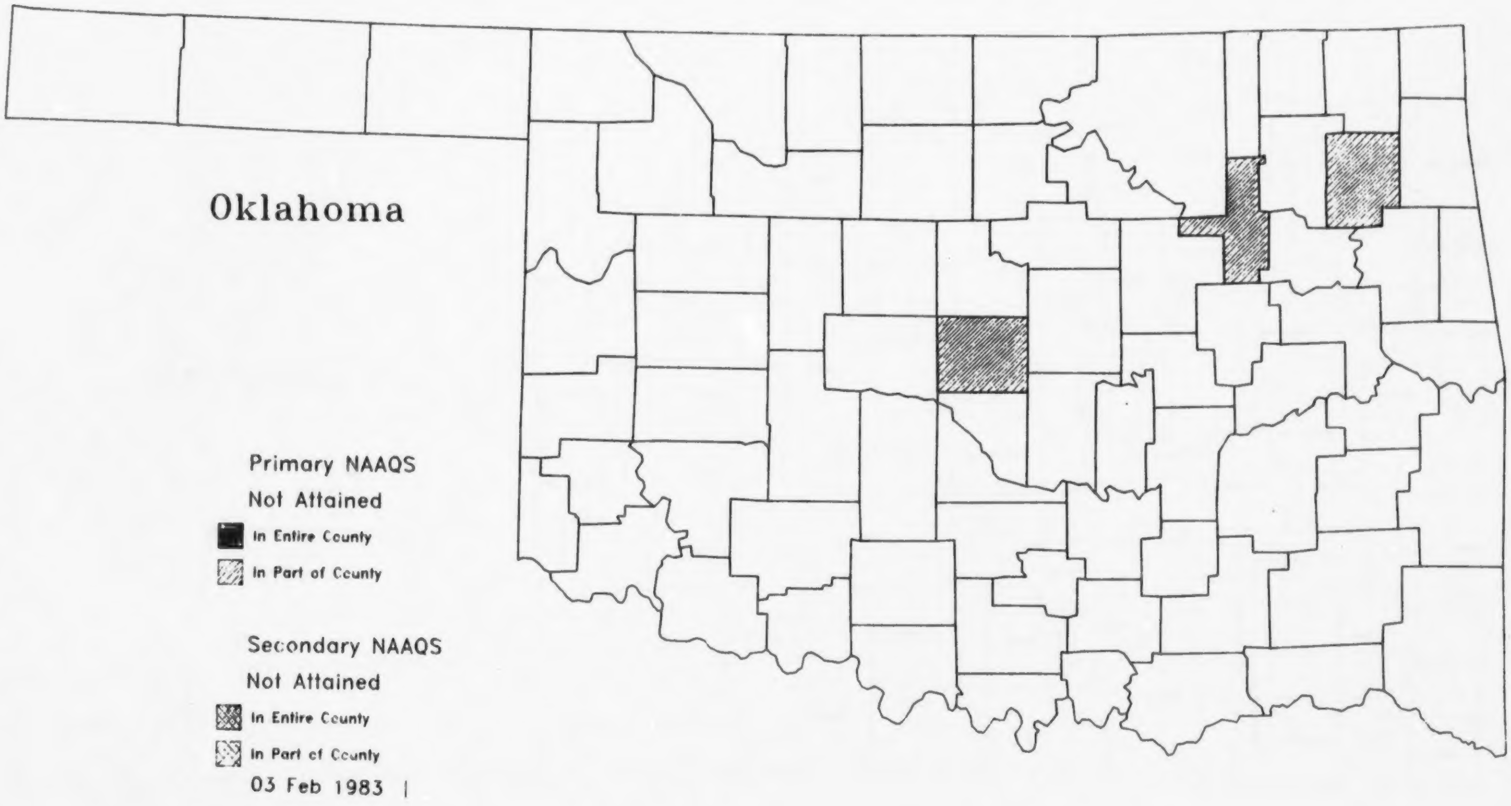
Promulgated List of SO2 Non-Attaining Counties - 1983


New Mexico
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983


Ottawa
Delaware
Adair
Sequoyah
Le Flore
Mc Curtain
Craig
Mayes
Cherokee
Muskogee
Haskell
Latimer
Pushmataha
Nowata
Rogers
Wagoner
Mc Intosh
Pittsburg
Choctaw
Washington
Tulsa
Okmulgee
Atoka
Osage
Pawnee
Creek
Okfuskee
Hughes
Coal
Bryan
Seminole
Pontotoc
Johnston
Marshall
Kay
Noble
Payne
Lincoln
Pottawatomie
Murray
Love
Logan
Oklahoma
Cleveland
Mc Clain
Garvin
Carter
Grant
Garfield
Kingfisher
Canadian
Grady
Stephens
Jefferson
Alfalfa
Major
Blaine
Caddo
Comanche
Cotton
Woods
Woodward
Dewey
Custer
Washita
Kiowa
Tillman
Harper
Ellis
Roger Mills
Beckham
Greer
Jackson
Harmon
Beaver
Texas
Cimarron
Kilometers
0
50
100

Oklahoma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In Entire County
In Part of County
Secondary NAAQS
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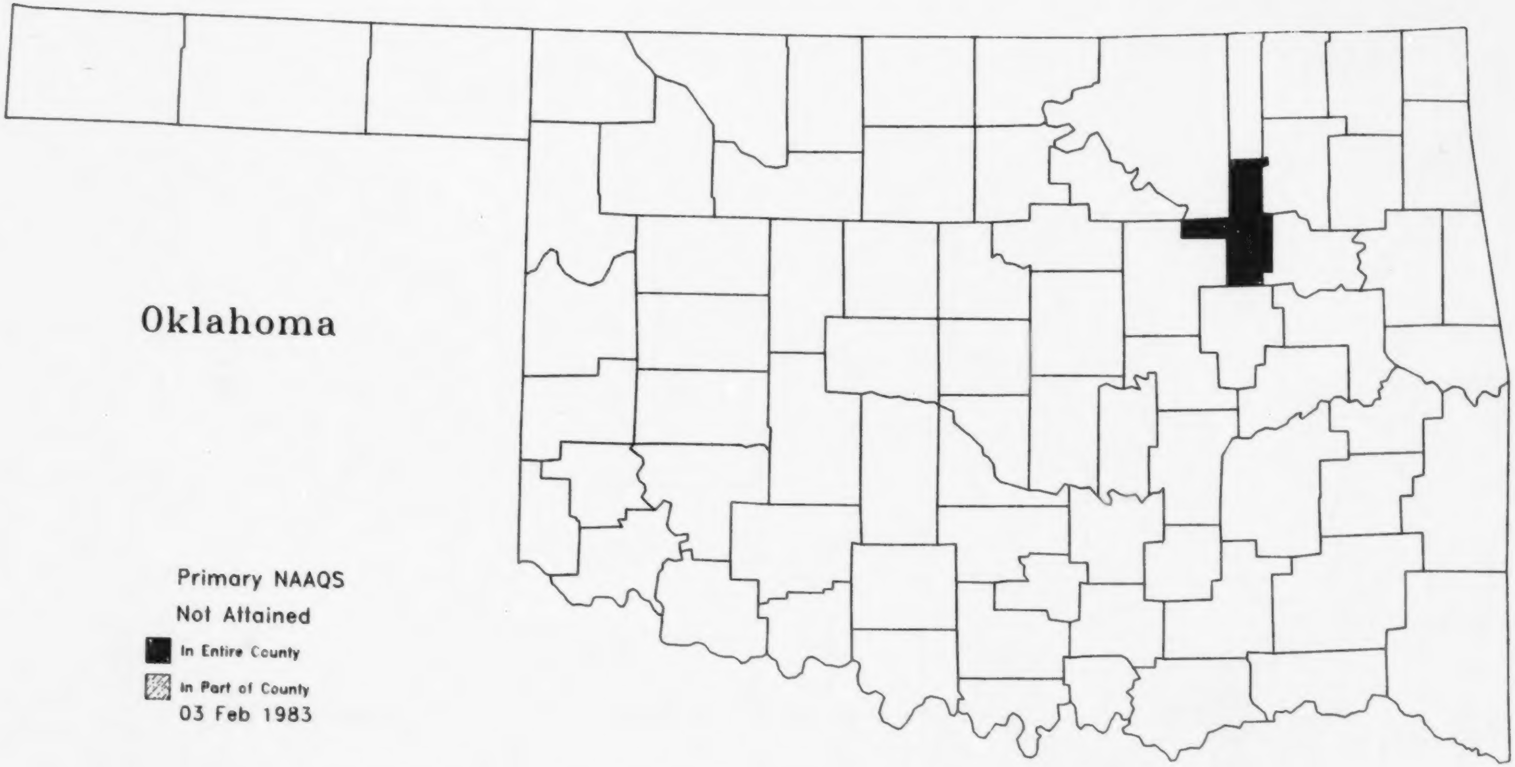
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983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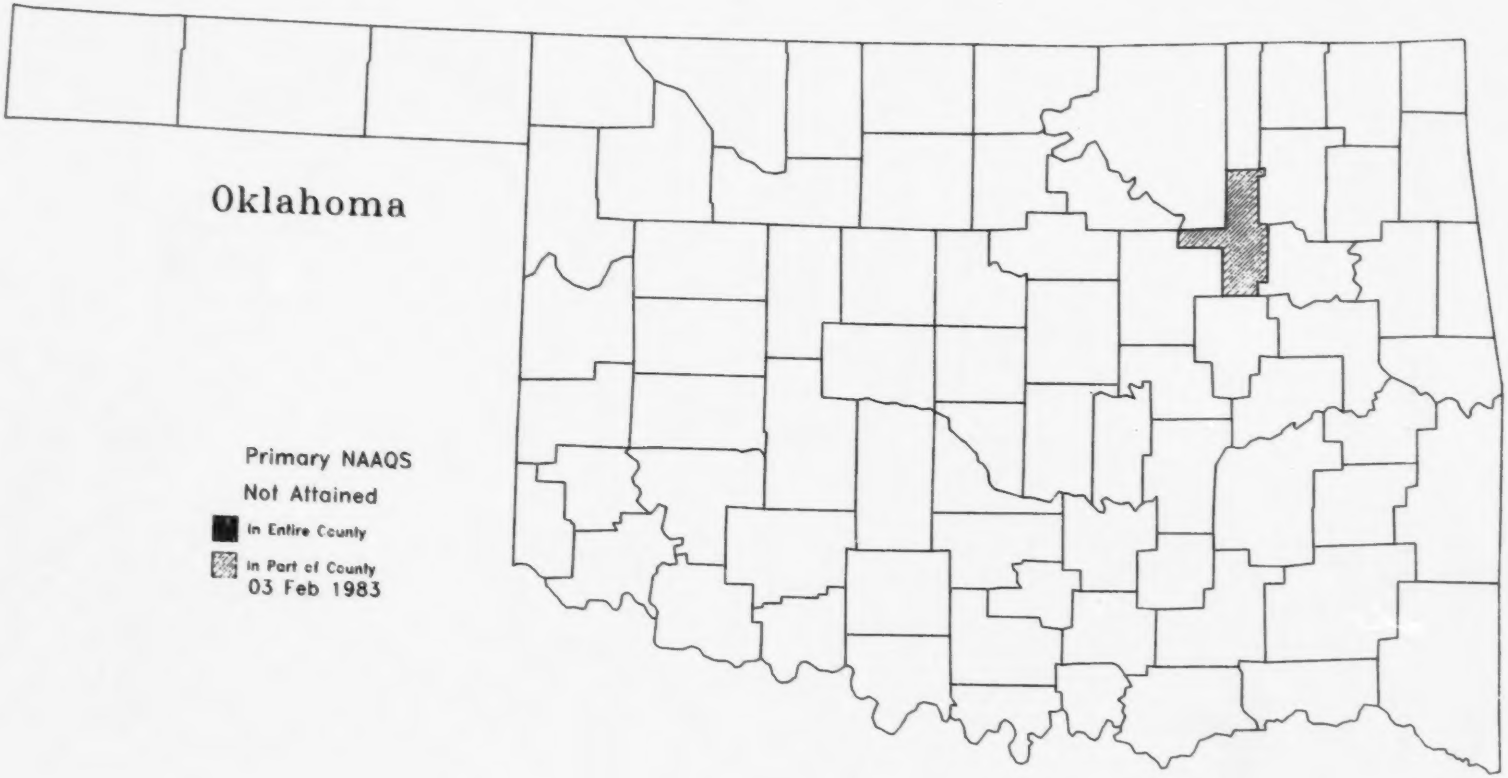
▨ In Part of County
03 Feb 1983

Promulgated List of 03 Non-Attaining Counties - 1983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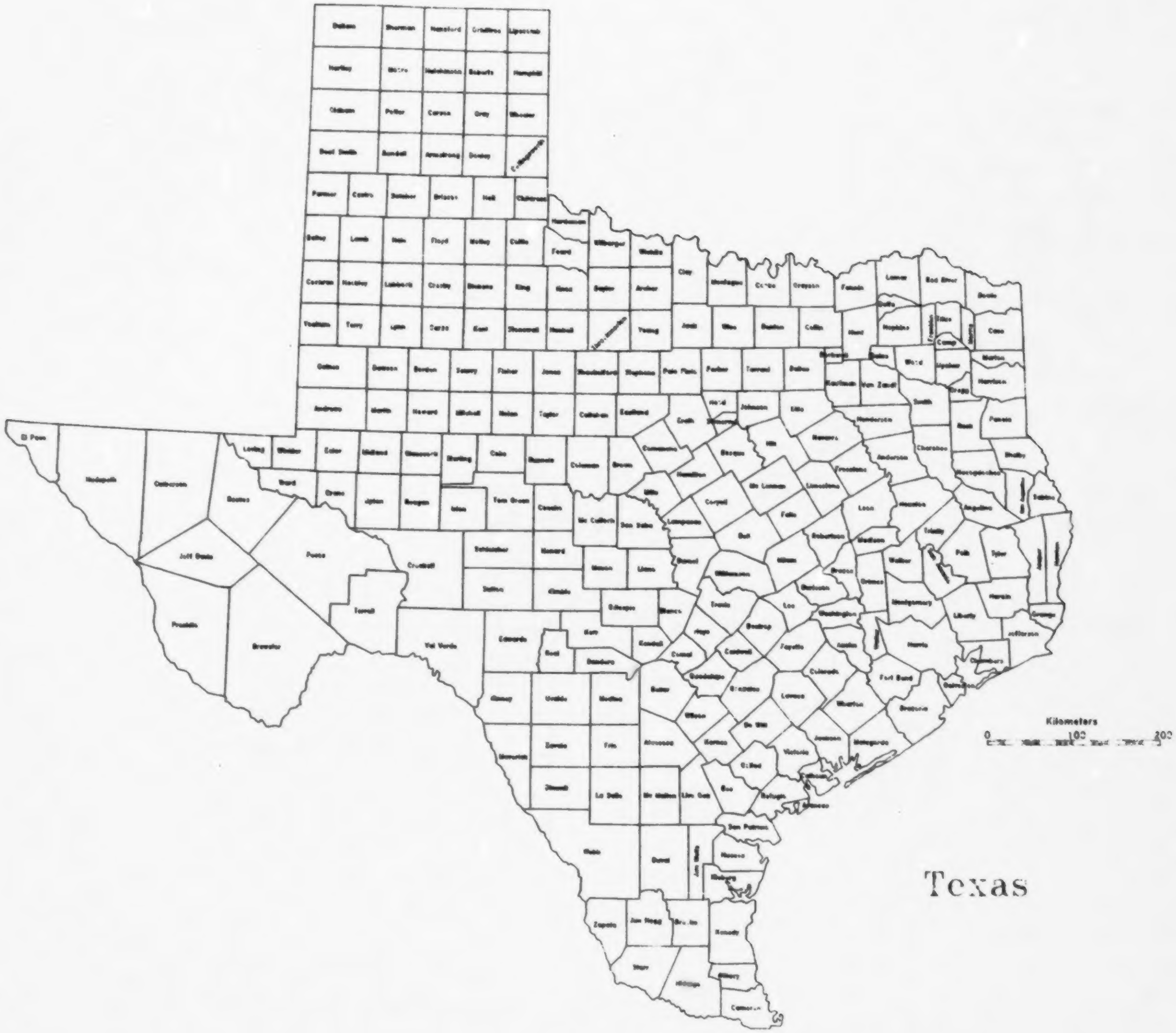
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983


Texas
Kilometers
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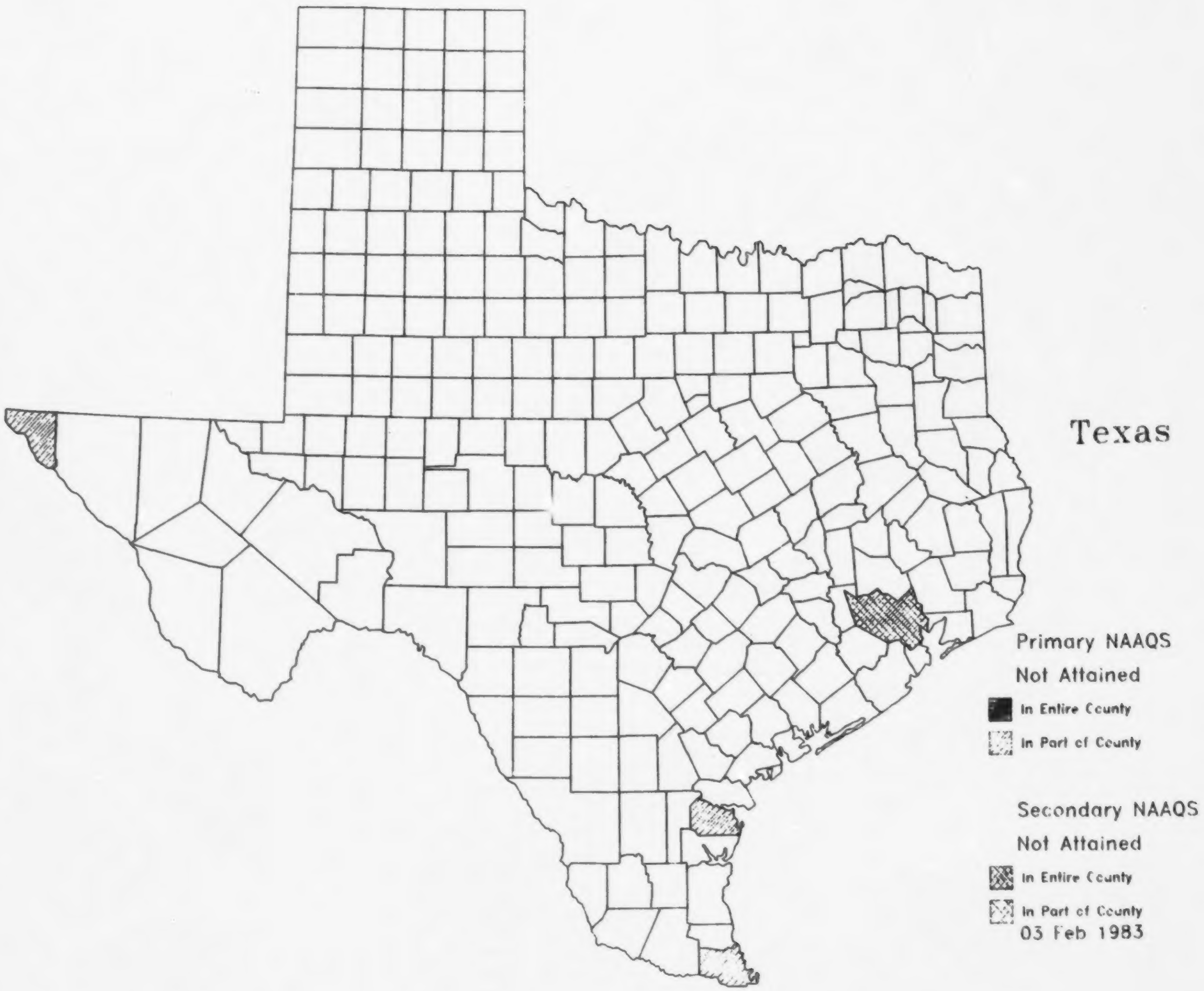
100
200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Secondary NAAQS
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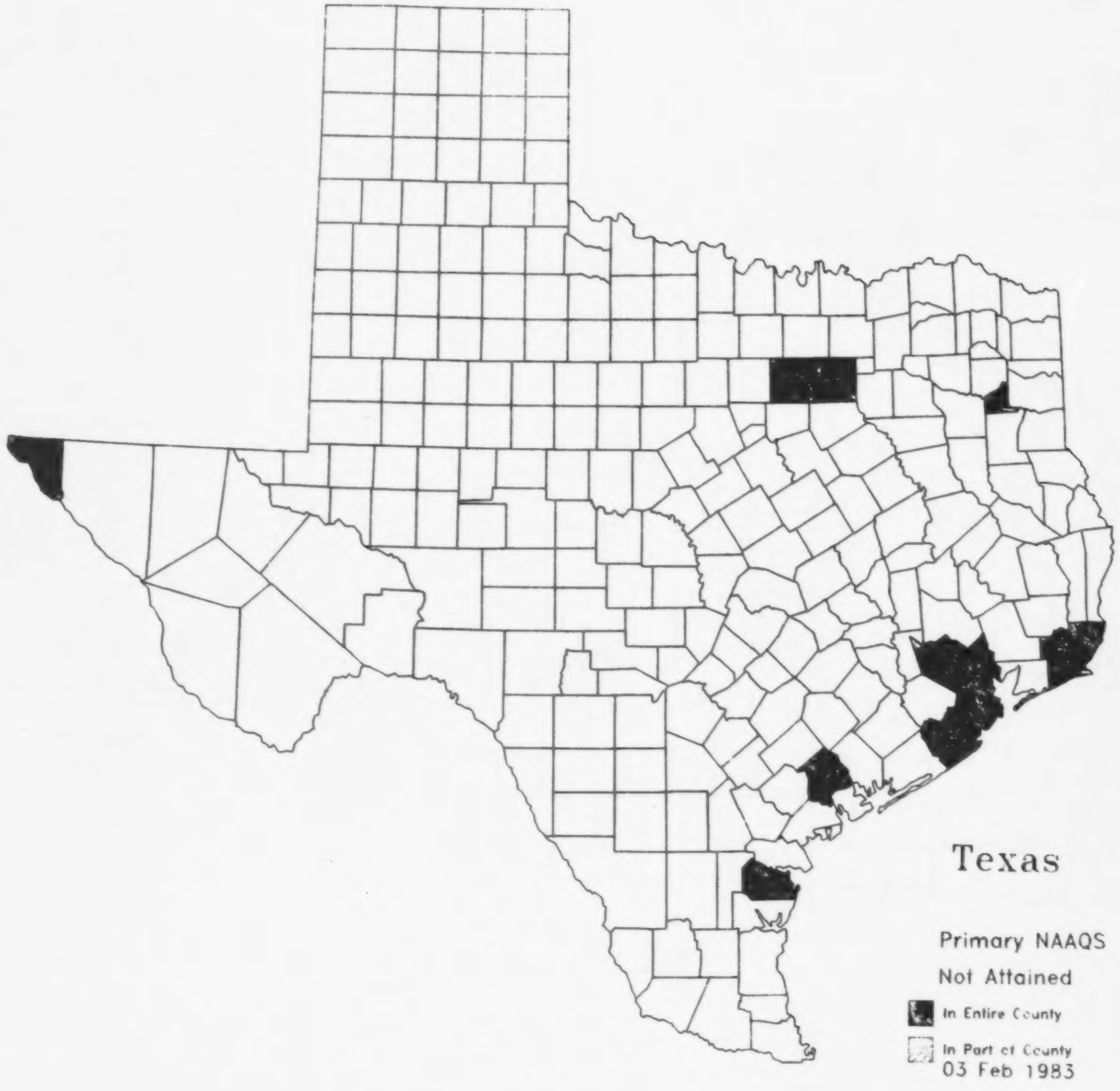
▩ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties - 1983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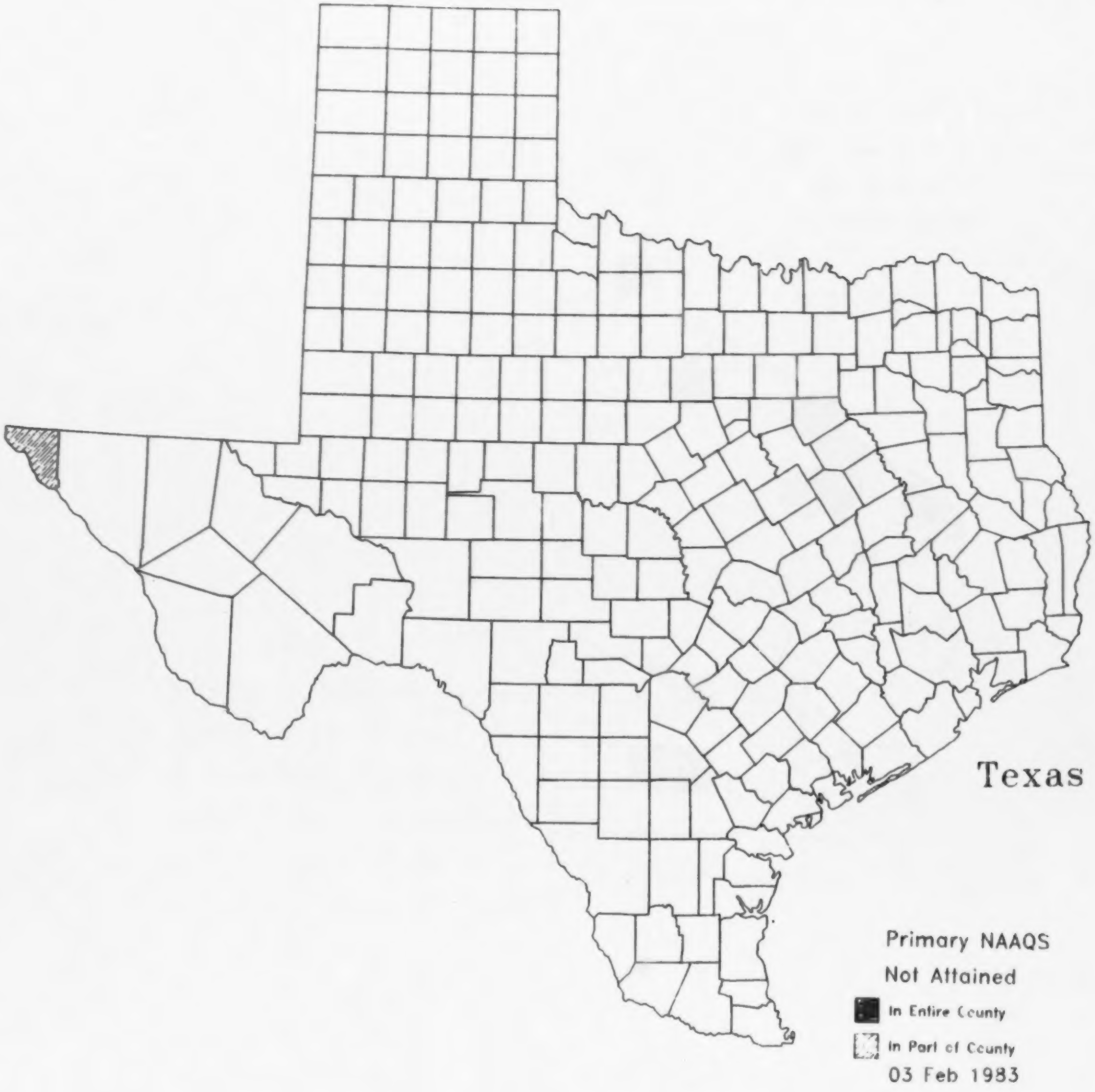
In Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties -- 1983


Texas
Primary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties – 1983

Region VII

Iowa, Kansas, Missouri, Nebraska

Air Programs Branch
EPA Region VII
324 East 11th Street
Kansas City, Missouri 64106
(816) 374-3791
FTS: 758-3791

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR IOWA

COUNTY	POPULATION	TSP		SO2		CO	NOX	O2
		PRIM	SEC	PRIM	SEC			
Black Hawk Co	137,961		P					
Cerro Gordo Co	46,458	P						
Clinton Co	57,122		P					
Linn Co	169,775	P						
Marshall Co	41,652		P					
Muscatine Co	40,436		P					
Polk Co	303,170	P	P			P		
Pottawattamie Co	86,561		P					
Scott Co	160,022	P						
Webster Co	45,953		P					
Woodbury Co	100,884		P					

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR KANSAS

COUNTY	POPULATION	TSP		SO2		CO	NOX	O2
		PRIM	SEC	PRIM	SEC			
Douglas Co	67,640							W
Johnson Co	270,269							W
Sedgwick Co	367,088					P		
Shawnee Co	154,916		P					
Wyandotte Co	172,335	P						W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MISSOURI

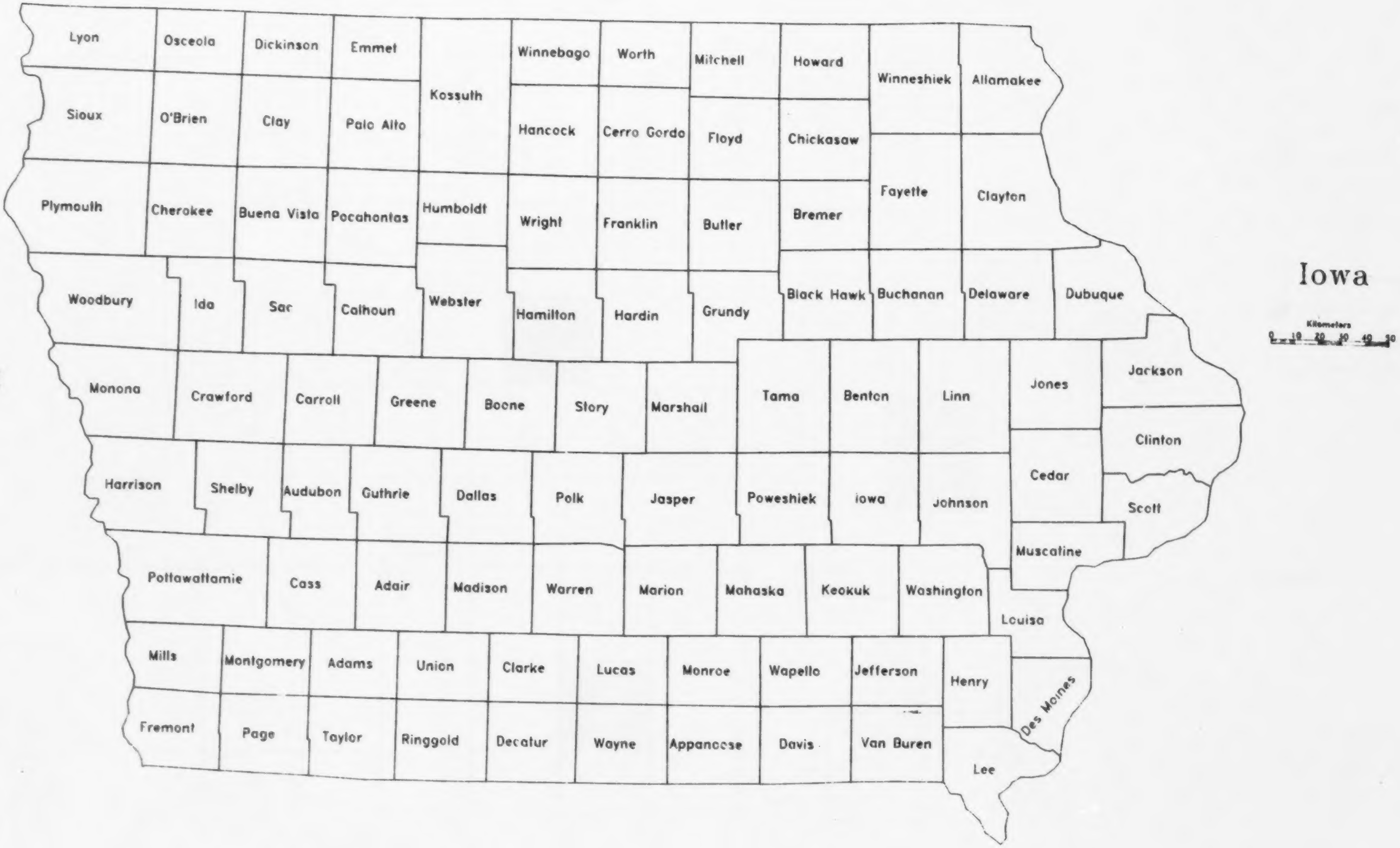
COUNTY	POPULATION	TSP		SO2		CO	NOX	O2
		PRIM	SEC	PRIM	SEC			
Buchanan Co	87,888	P	P					
Clay Co	136,488	P						W
Franklin Co	71,233							W
Jackson Co	629,266	P						W
Jefferson Co	146,183							W
New Madrid Co	22,945		P					
Platte Co	46,341	P						W
St Charles Co	144,107							W
St Louis Co	973,896	P	P			P		W
St Louis	453,085	P	P			W		W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NEBRASKA

COUNTY	POPULATION	TSP		SO2		CO	NOX	O2
		PRIM	SEC	PRIM	SEC			
Cass Co	20,297	P						
Douglas Co	397,038	P	P			P		
Lancaster Co	192,884					P		
Sarpy Co	86,015		P					

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

Iowa


Kilometers
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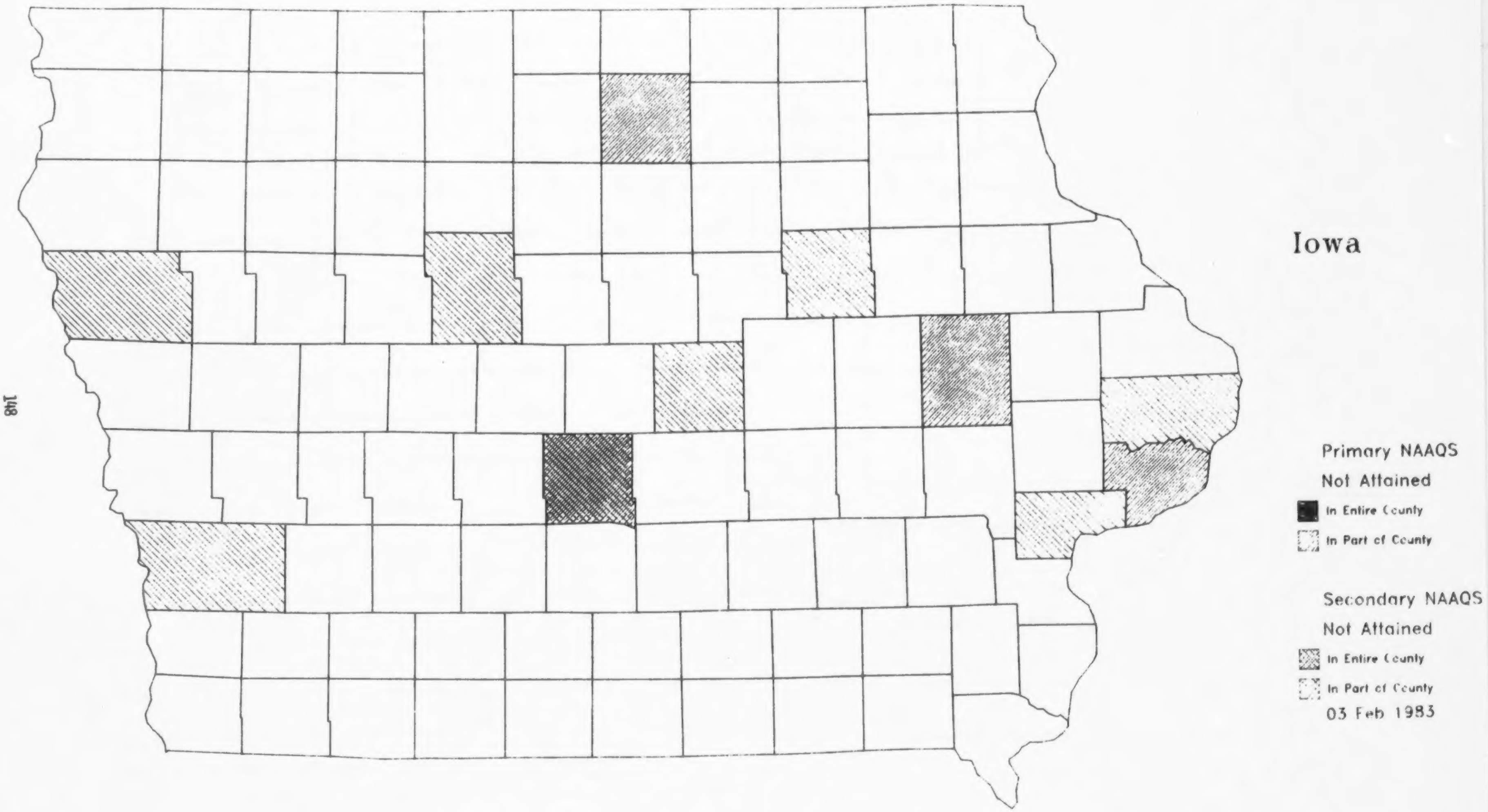
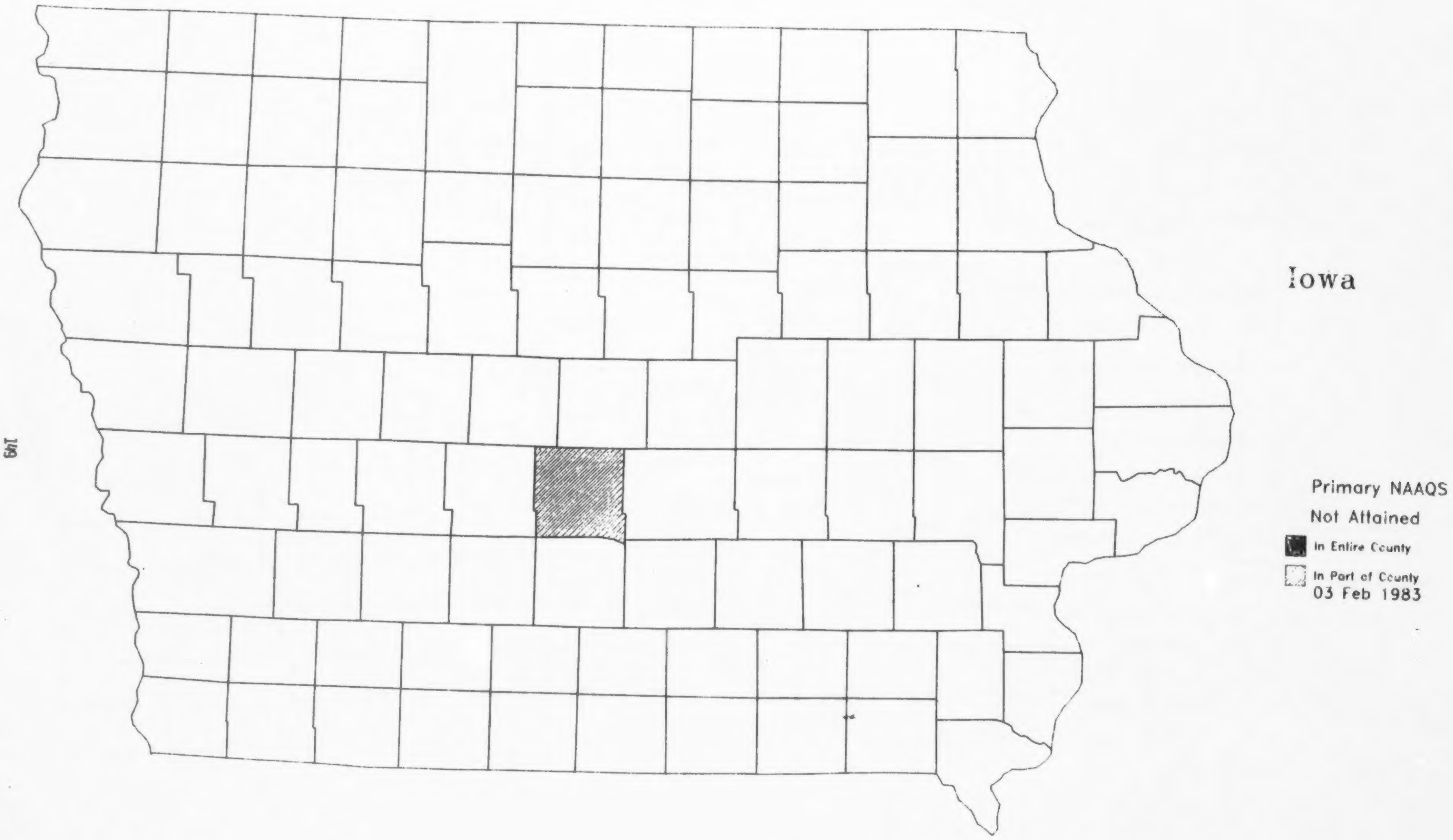
Lyon
Osceola
Dickinson
Emmet
Kossuth
Winnebago
Worth
Mitchell
Howard
Winneshiek
Allamakee
Sioux
O'Brien
Clay
Palo Alto
Hancock
Cerro Gordo
Floyd
Chickasaw
Plymouth
Cherokee
Buena Vista
Pocahontas
Humboldt
Wright
Franklin
Butler
Bremer
Fayette
Clayton
Woodbury
Ida
Sac
Calhoun
Webster
Hamilton
Hardin
Grundy
Black Hawk
Buchanan
Delaware
Dubuque
Monona
Crawford
Carroll
Greene
Boone
Story
Marshall
Tama
Benton
Linn
Jones
Jackson
Clinton
Harrison
Shelby
Audubon
Guthrie
Dallas
Polk
Jasper
Poweshiek
Iowa
Johnson
Cedar
Scott
Muscatine
Pottawattamie
Cass
Adair
Madison
Warren
Marion
Mahaska
Keokuk
Washington
Louisa
Mills
Montgomery
Adams
Union
Clarke
Lucas
Monroe
Wapello
Jefferson
Henry
Des Moines
Fremont
Page
Taylor
Ringgold
Decatur
Wayne
Appanoose
Davis
Van Buren
Lee


Iowa
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non--Attaining Counties -- 1983

Iowa


Primary NAAQS
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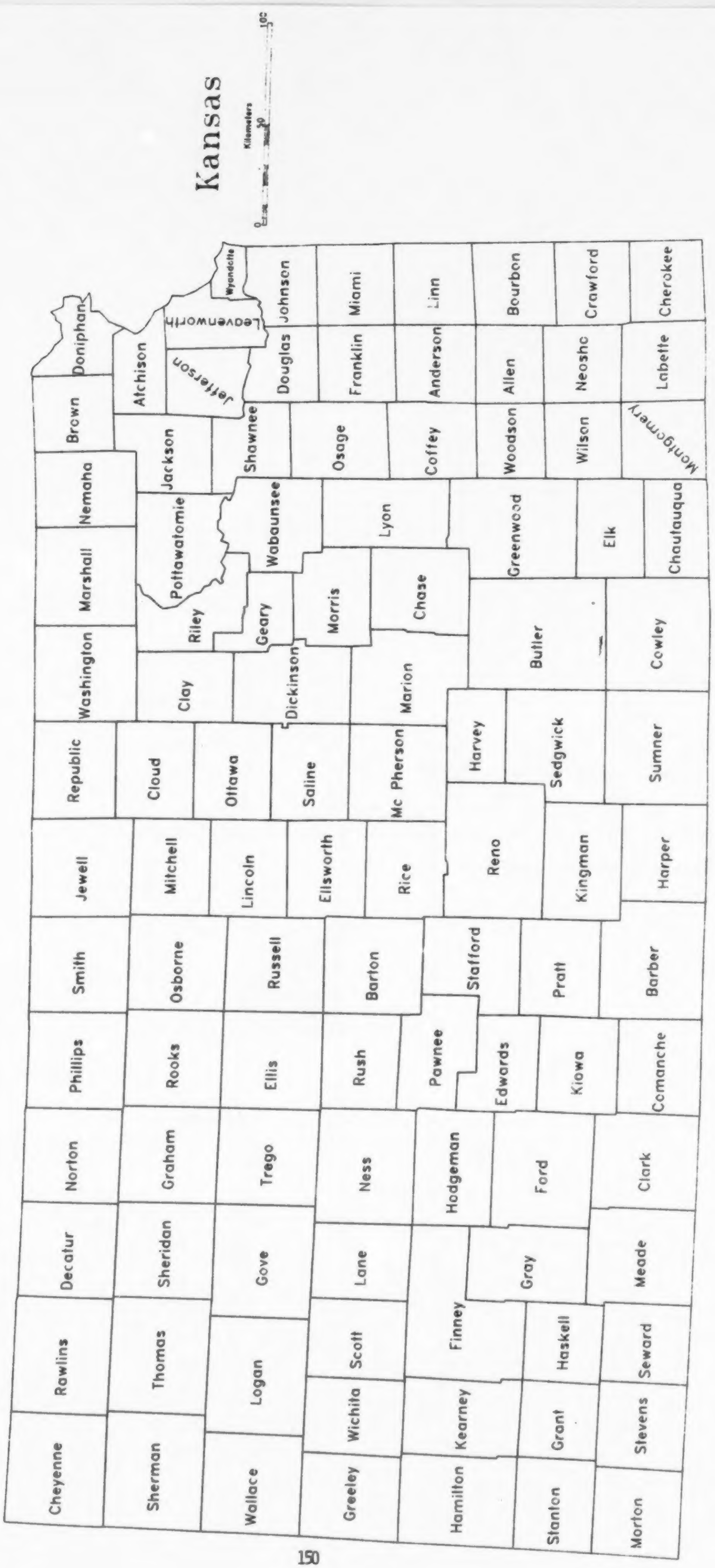
▨ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties - 1983


Kansas
Kilometers
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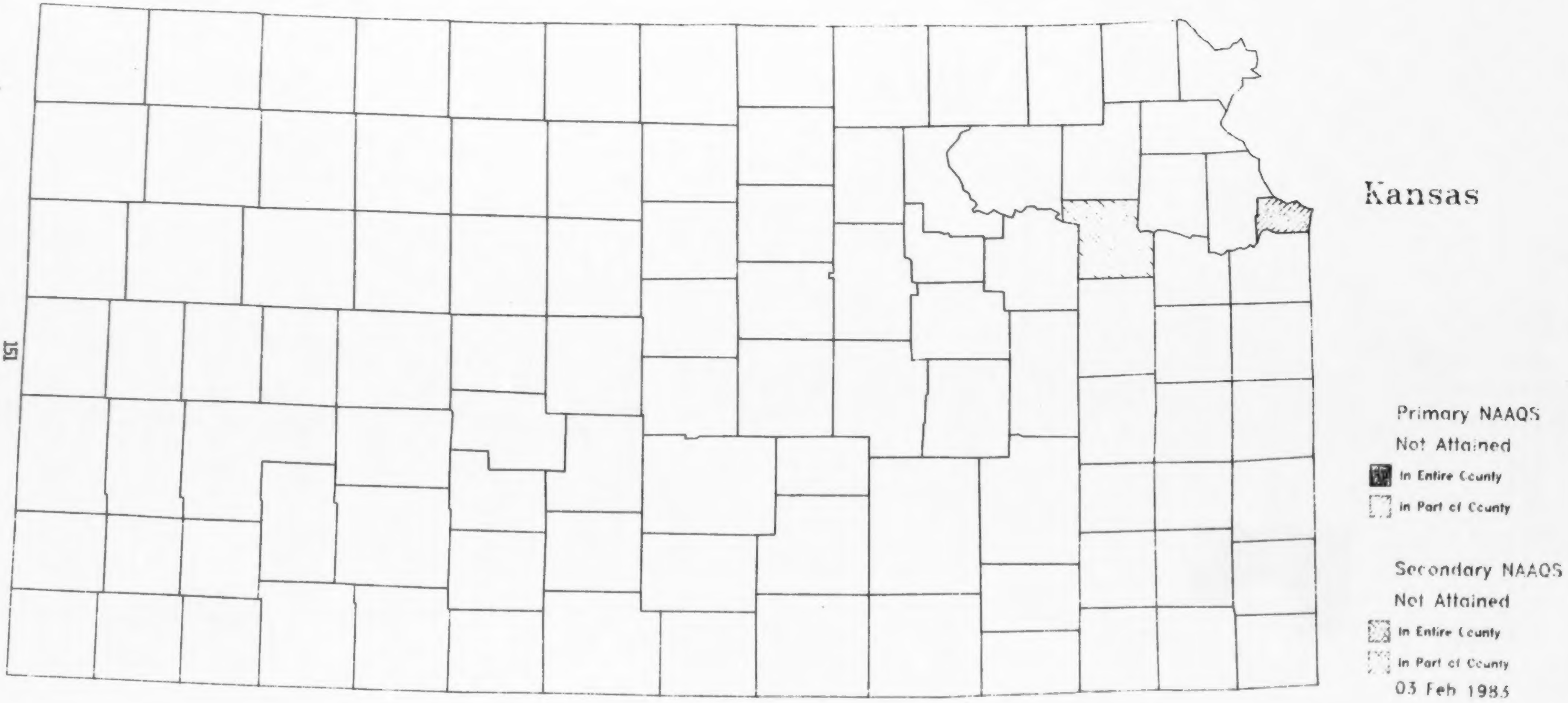
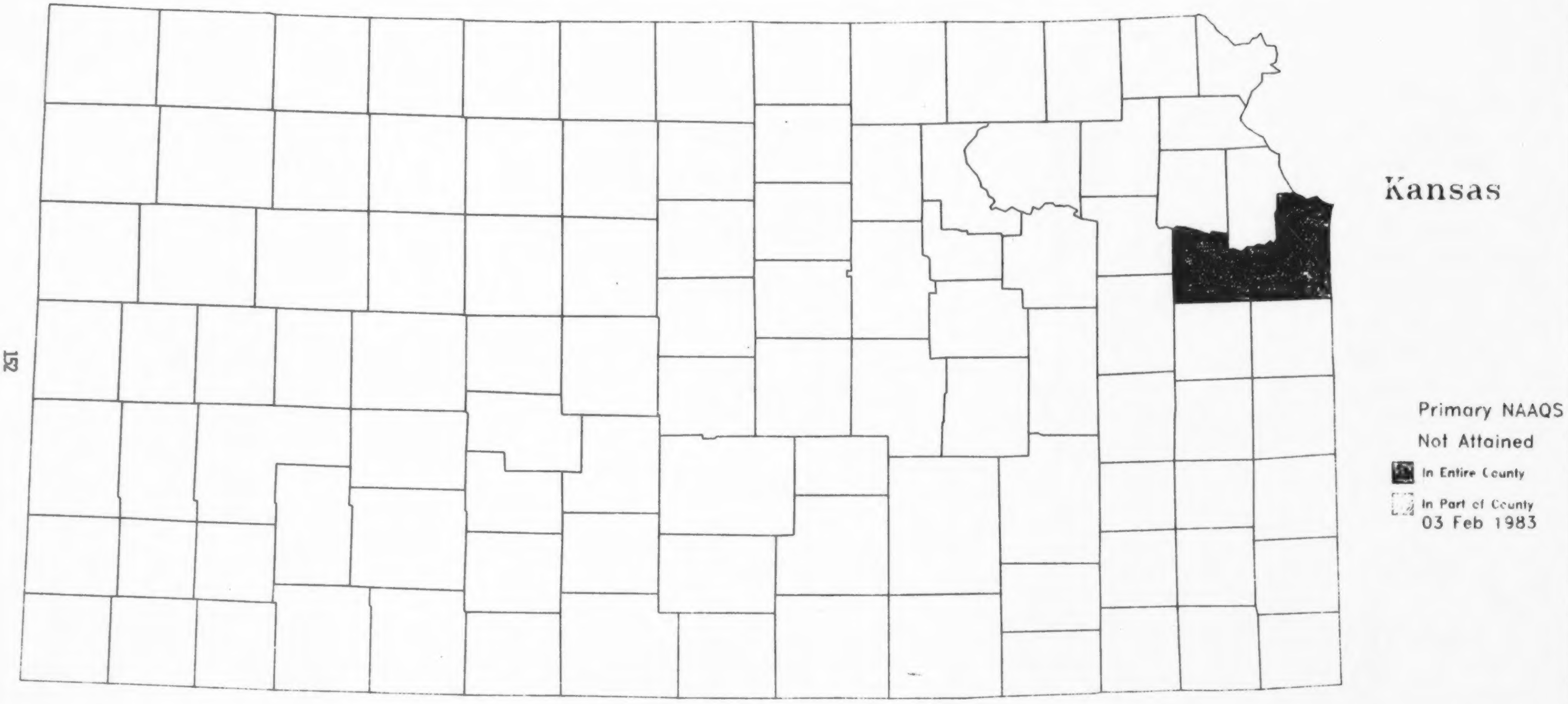
50
100
Doniphan
Brown
Nemaha
Marshall
Washington
Republic
Jewell
Smith
Phillips
Norton
Decatur
Rawlins
Cheyenne
Atchison
Jackson
Pottawatomie
Riley
Clay
Cloud
Mitchell
Osborne
Rooks
Graham
Sheridan
Thomas
Sherman
Leavenworth
Wyandotte
Jefferson
Shawnee
Wabaunsee
Geary
Dickinson
Ottawa
Lincoln
Russell
Ellis
Trego
Gove
Logan
Wallace
Johnson
Douglas
Osage
Lyon
Morris
Marion
Saline
Ellsworth
Barton
Rush
Ness
Lane
Scott
Wichita
Greeley
Miami
Franklin
Coffey
Chase
Mc Pherson
Rice
Stafford
Pawnee
Hodgeman
Finney
Kearney
Hamilton
Linn
Anderson
Woodson
Greenwood
Butler
Harvey
Reno
Edwards
Ford
Gray
Haskell
Grant
Stanton
Bourbon
Allen
Wilson
Elk
Sedgwick
Kingman
Pratt
Kiowa
Clark
Meade
Seward
Stevens
Morton
Crawford
Neosho
Montgomery
Chautauqua
Cowley
Sumner
Harper
Barber
Comanche
Cherokee
Labette


Kansas
Primary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties - 1983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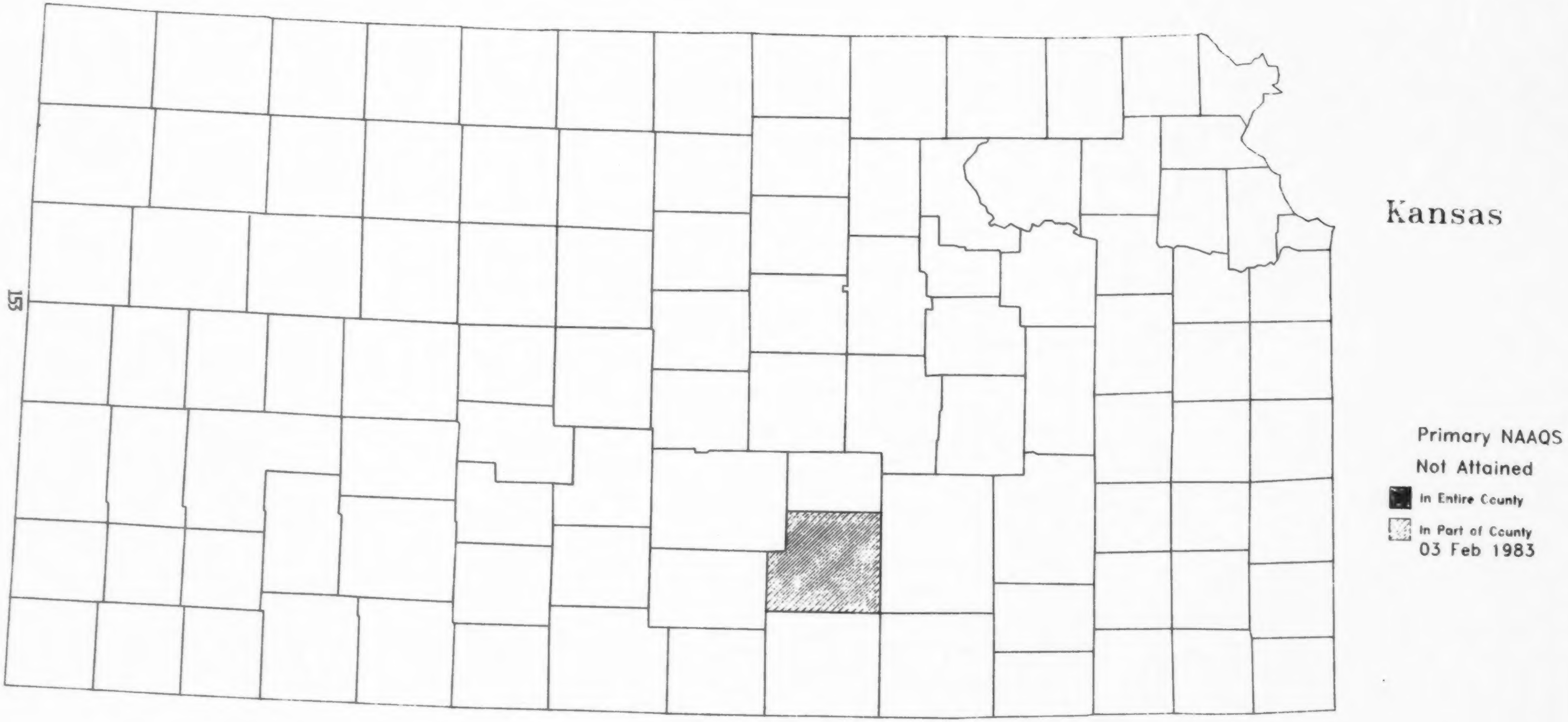
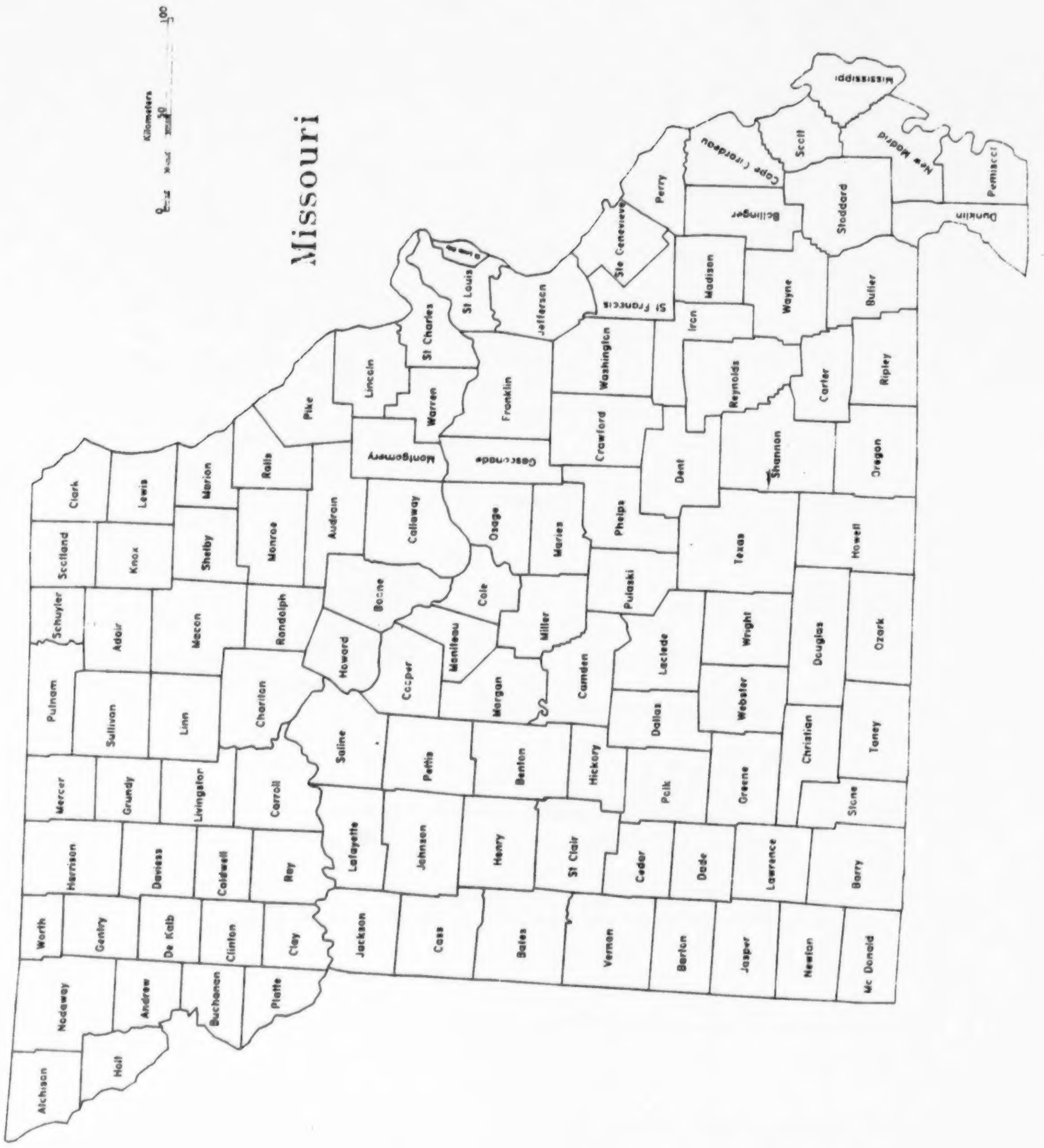
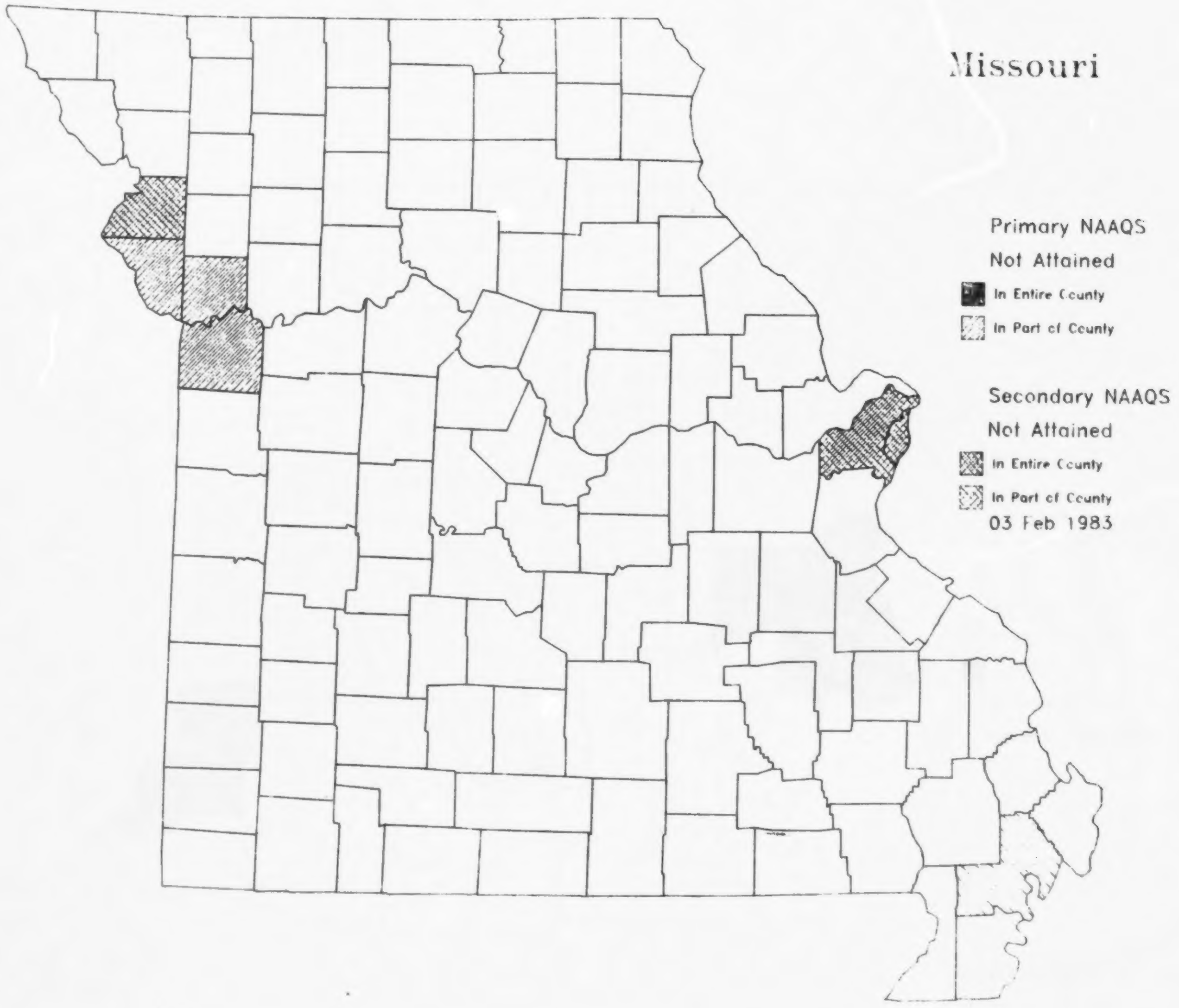
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties — 1993


Kansas
Primary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983


Missouri
Kilometers
0
50
100
Clark
Lewis
Marion
Ralls
Pike
Lincoln
St Charles
St Louis
Jefferson
Ste Genevieve
Perry
Cape Girardeau
Scott
Mississippi
New Madrid
Pemiscot
Dunklin
Stoddard
Bollinger
Madison
St Francois
Iron
Wayne
Butler
Ripley
Carter
Reynolds
Washington
Franklin
Warren
Montgomery
Gasconade
Crawford
Dent
Shannon
Oregon
Howell
Texas
Phelps
Maries
Osage
Callaway
Audrain
Monroe
Shelby
Knox
Scotland
Schuyler
Adair
Macon
Randolph
Boone
Cole
Miller
Pulaski
Laclede
Wright
Douglas
Ozark
Taney
Christian
Webster
Camden
Morgan
Moniteau
Cooper
Howard
Chariton
Linn
Sullivan
Putnam
Mercer
Grundy
Livingston
Carroll
Saline
Pettis
Benton
Hickory
Dallas
Polk
Greene
Stone
Barry
Lawrence
Dade
Cedar
St Clair
Henry
Johnson
Lafayette
Ray
Caldwell
Daviess
Harrison
Worth
Gentry
De Kalb
Clinton
Clay
Jackson
Cass
Bates
Vernon
Barton
Jasper
Newton
Mc Donald
Nodaway
Andrew
Buchanan
Platte
Holt
Atchison


Missouri
Primary NAAQS
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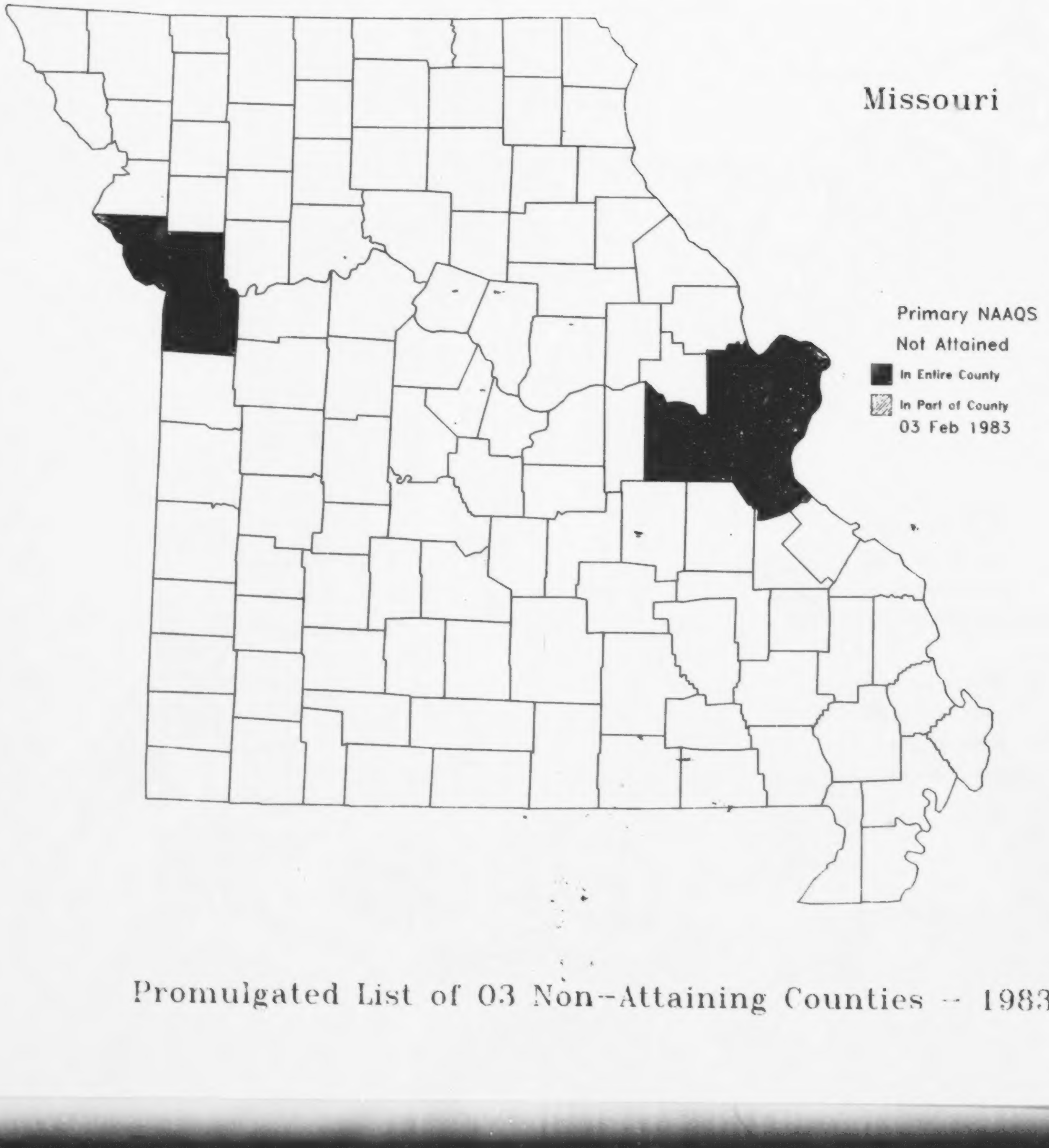
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties — 1983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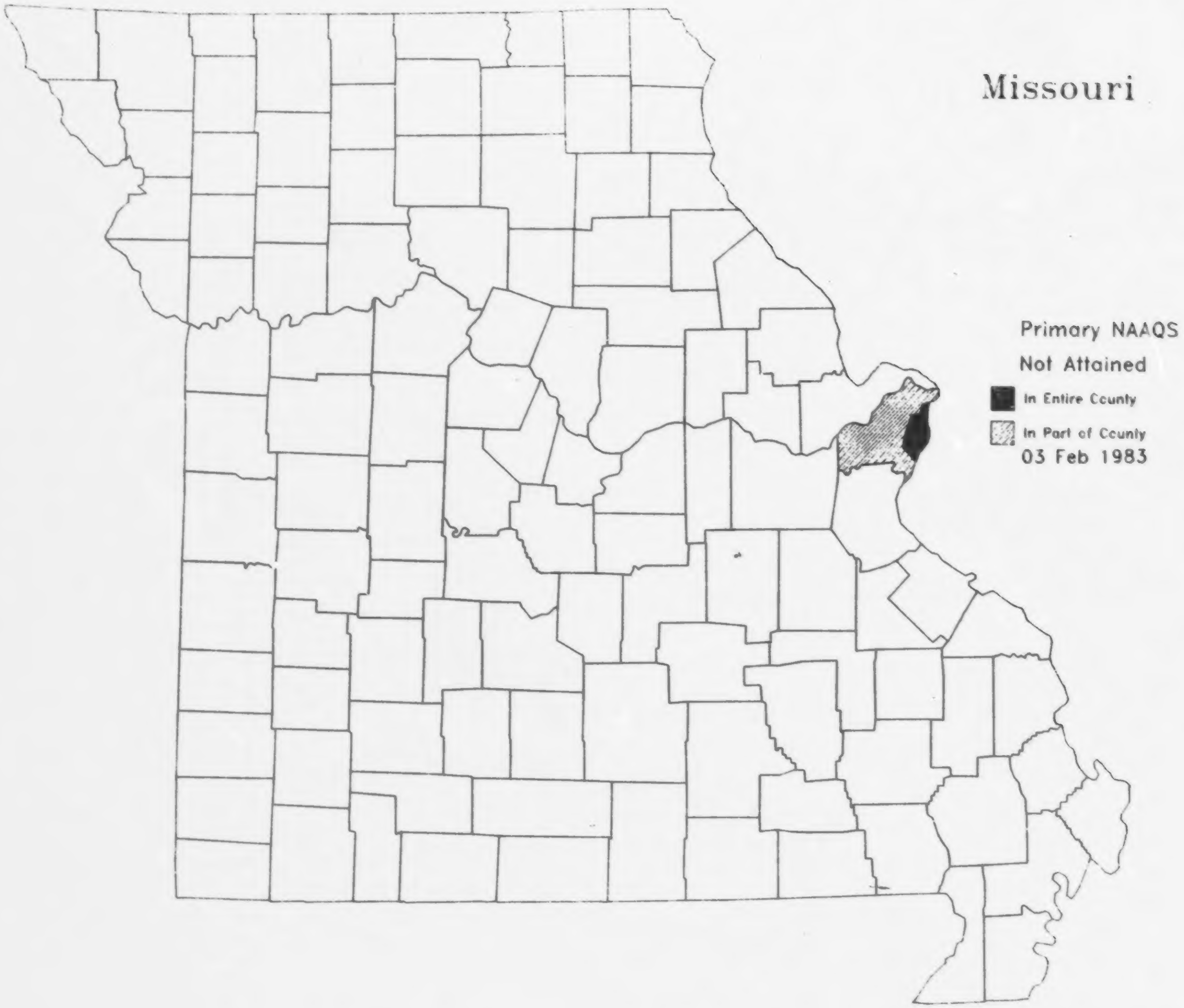
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of O3 Non--Attaining Counties -- 1983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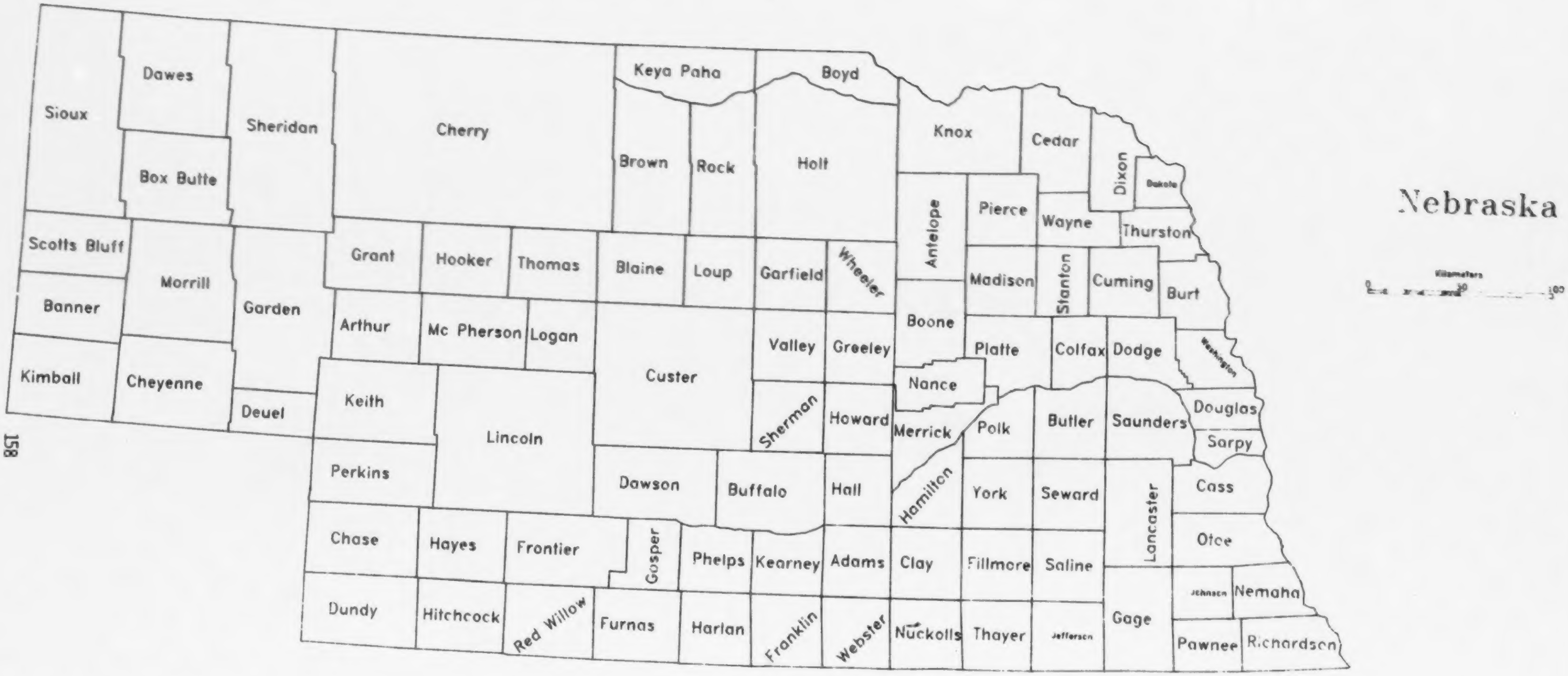
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983

Nebraska


Kilometers
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Sioux
Dawes
Box Butte
Sheridan
Cherry
Keya Paha
Boyd
Brown
Rock
Holt
Knox
Cedar
Dixon
Dakota
Scotts Bluff
Morrill
Garden
Grant
Hooker
Thomas
Blaine
Loup
Garfield
Wheeler
Antelope
Pierce
Wayne
Thurston
Madison
Stanton
Cuming
Burt
Banner
Kimball
Cheyenne
Deuel
Arthur
Mc Pherson
Logan
Custer
Valley
Greeley
Boone
Platte
Colfax
Dodge
Washington
Nance
Keith
Lincoln
Sherman
Howard
Merrick
Polk
Butler
Saunders
Douglas
Sarpy
Perkins
Dawson
Buffalo
Hall
Hamilton
York
Seward
Lancaster
Cass
Chase
Hayes
Frontier
Gosper
Phelps
Kearney
Adams
Clay
Fillmore
Saline
Otoe
Dundy
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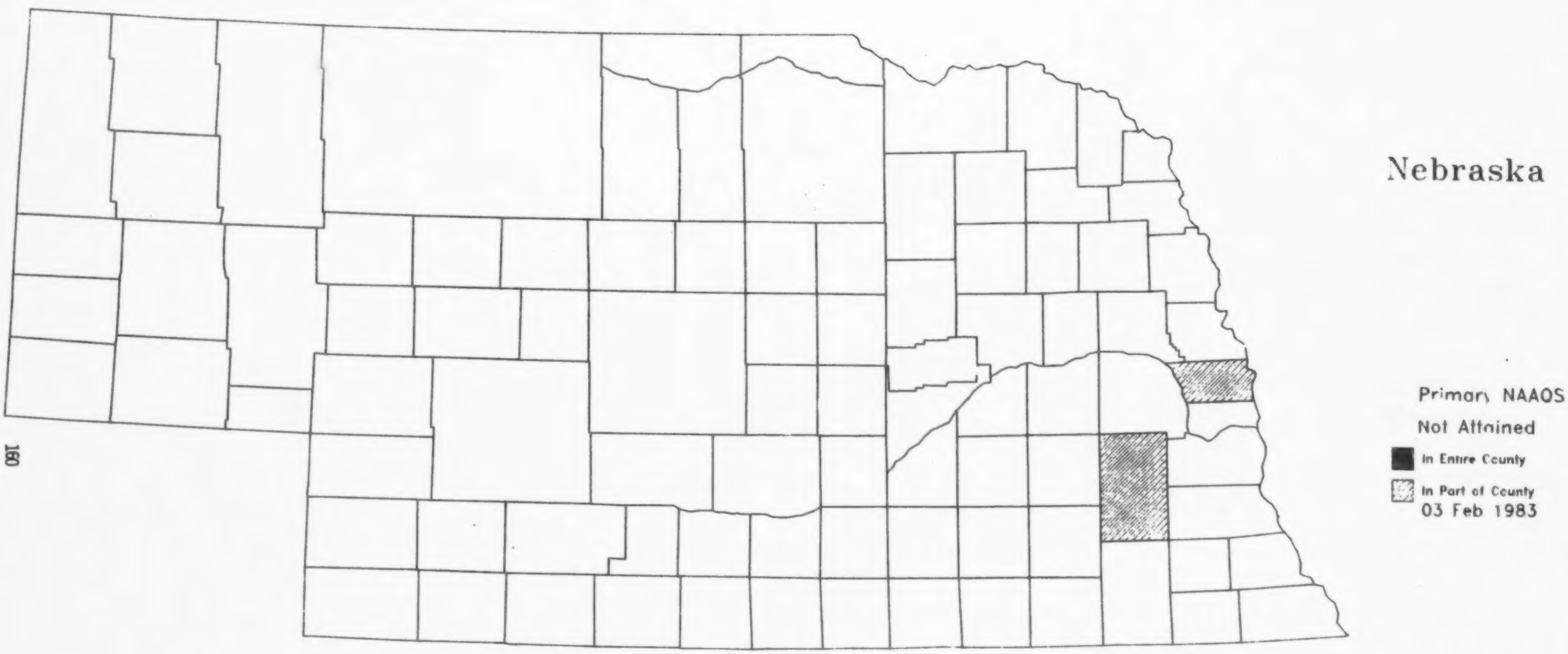
Gage
Johnson
Nemaha
Pawnee
Richardson


Nebraska
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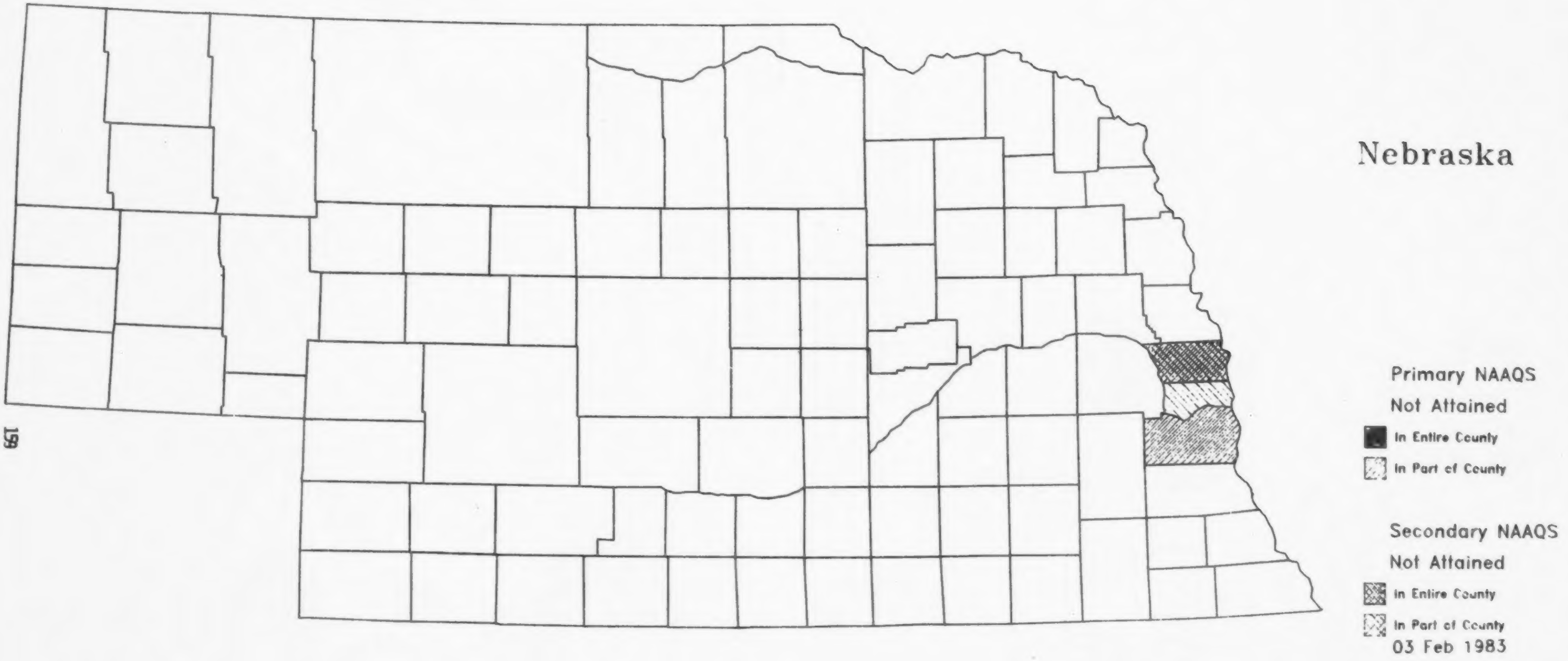
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983


Nebraska
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983

Region VIII

Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming

Air Programs Branch
EPA Region VIII
1860 Lincoln Street
Denver, Colorado 80295
FTS: 327-3471

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR COLORADO

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Adams Co	245,944	P				P	P	P
Arapahoe Co	293,621	P				P	P	P
Boulder Co	189,625	W				W	P	W
Denver Co	492,365	W				W	W	W
Douglas Co	25,153	P				W	P	W
El Paso Co	309,424	P				P		
Jefferson Co	371,753	W				W	P	W
Larimer Co	149,184		P			P		
Mesa Co	81,530	P						
Pueblo Co	125,972	P						
Weld Co	123,438		P			P		

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MONTANA

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Cascade Co	80,696		P			P		
Flat Head Co	51,966	P						
Lewis And Clark Co	43,039		P	P				
Missoula Co	76,016	P				P		
Rosebud Co	9,899	P						
Silver Bow Co	38,092	P						
Yellowstone Co	108,035		P	P		P		

ALL COUNTIES MEET THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NORTH DAKOTA

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR SOUTH DAKOTA

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Pennington Co	70,361	P						

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD

FOR

UTAH

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Davis Co	146,540		P			P		W
Iron Co	17,349			P				
Salt Lake Co	619,066	P		W		P		W
Tooele Co	26,033			P				
Utah Co	216,106	P				P		
Weber Co	144,616	P				P		

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD

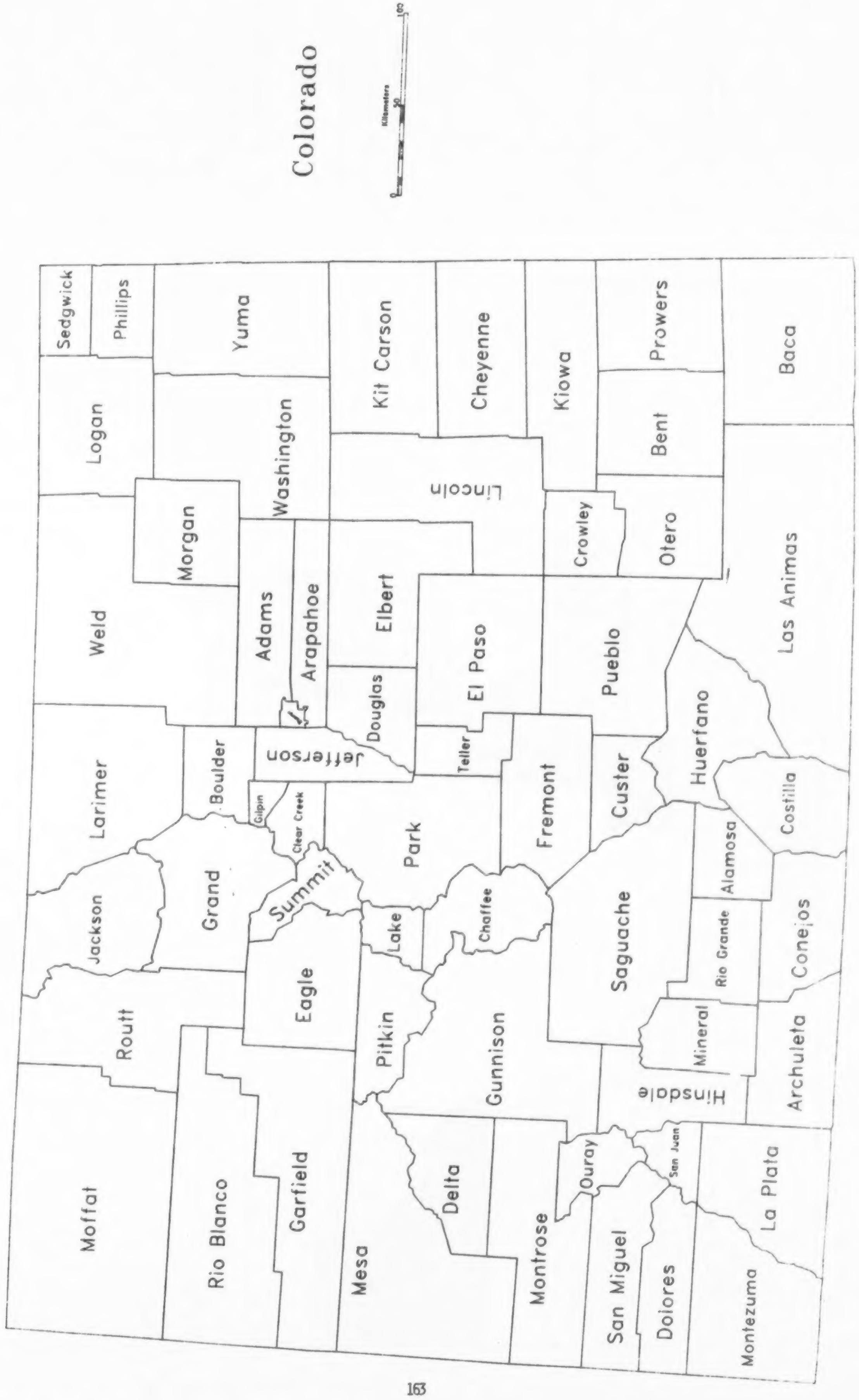
FOR

WYOMING

COUNTY	POPULATION	TSP		SO2		CO	NOX	OZ
		PRIM	SEC	PRIM	SEC			
Sweetwater Co	41,723	P						

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

Colorado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0
50
100
Sedgwick
Phillips
Yuma
Kit Carson
Cheyenne
Kiowa
Prowers
Baca
Logan
Washington
Lincoln
Bent
Morgan
Crowley
Otero
Las Animas
Weld
Adams
Arapahoe
Elbert
El Paso
Pueblo
Douglas
Jefferson
Teller
Huerfano
Larimer
Boulder
Gilpin
Clear Creek
Park
Fremont
Custer
Costilla
Alamosa
Jackson
Grand
Summit
Lake
Chaffee
Saguache
Conejos
Rio Grande
Eagle
Routt
Pitkin
Gunnison
Mineral
Archuleta
Hinsdale
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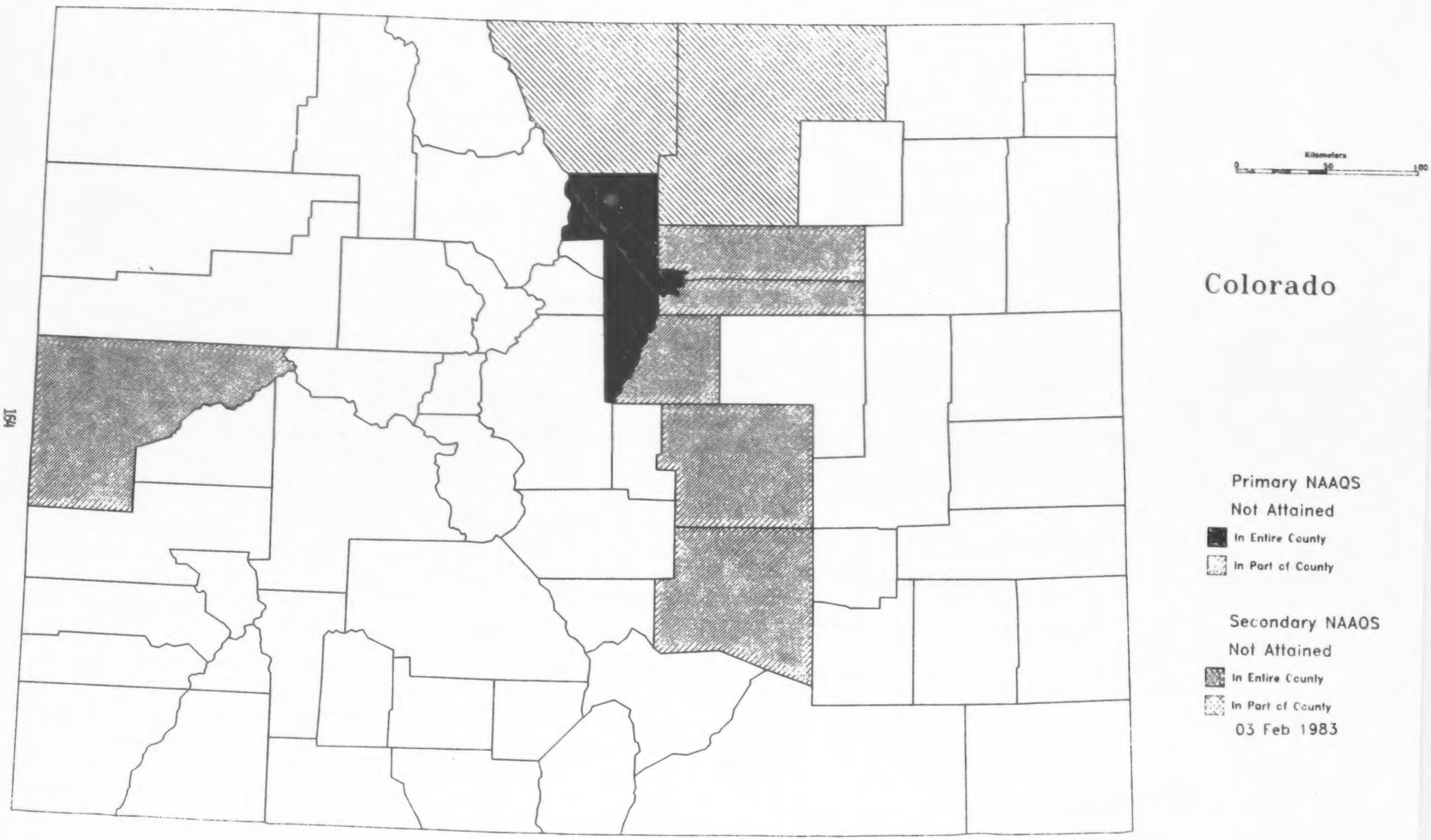
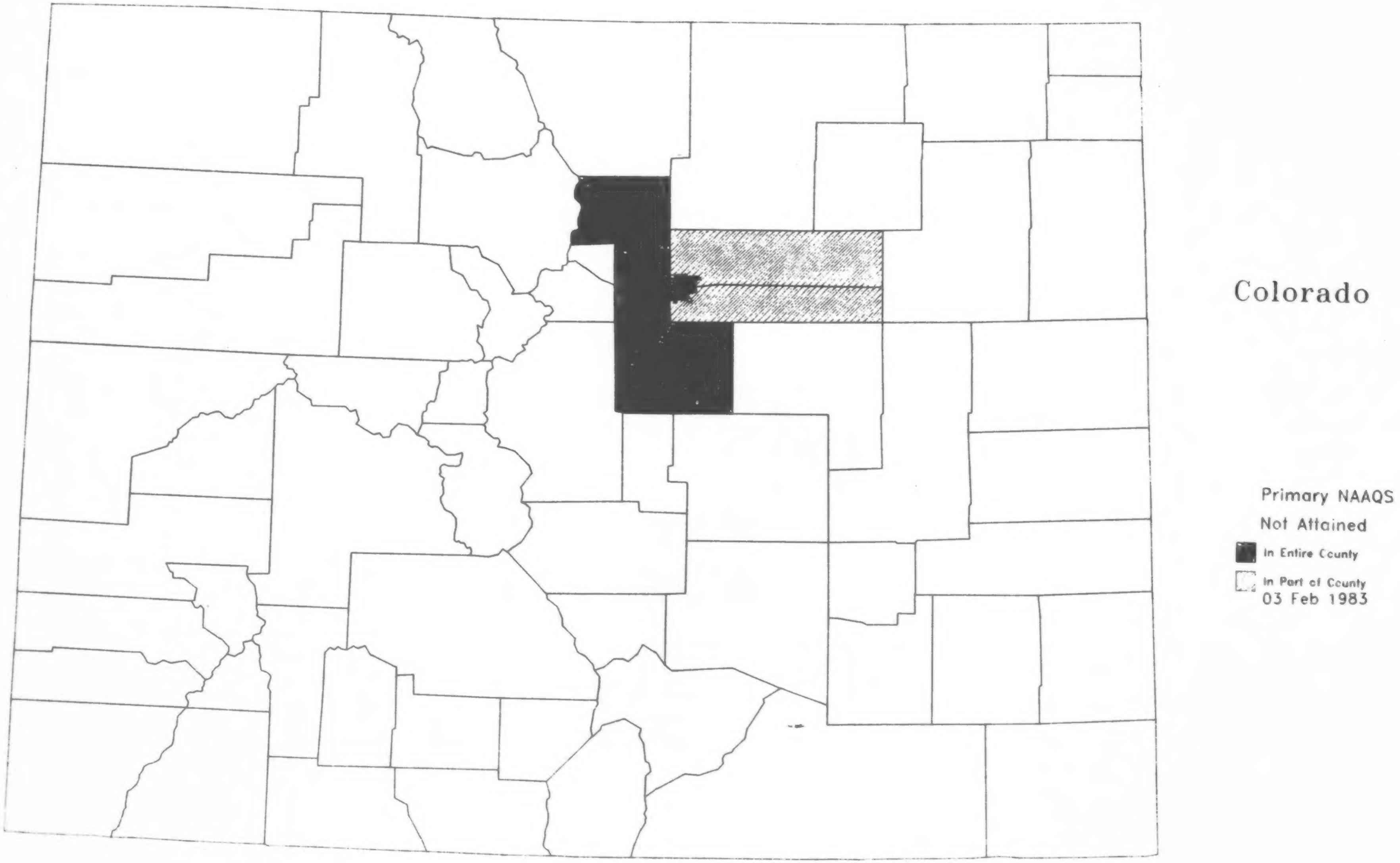
Rio Blanco
Garfield
Mesa
Delta
Montrose
Ouray
San Juan
La Plata
San Miguel
Dolores
Montezuma

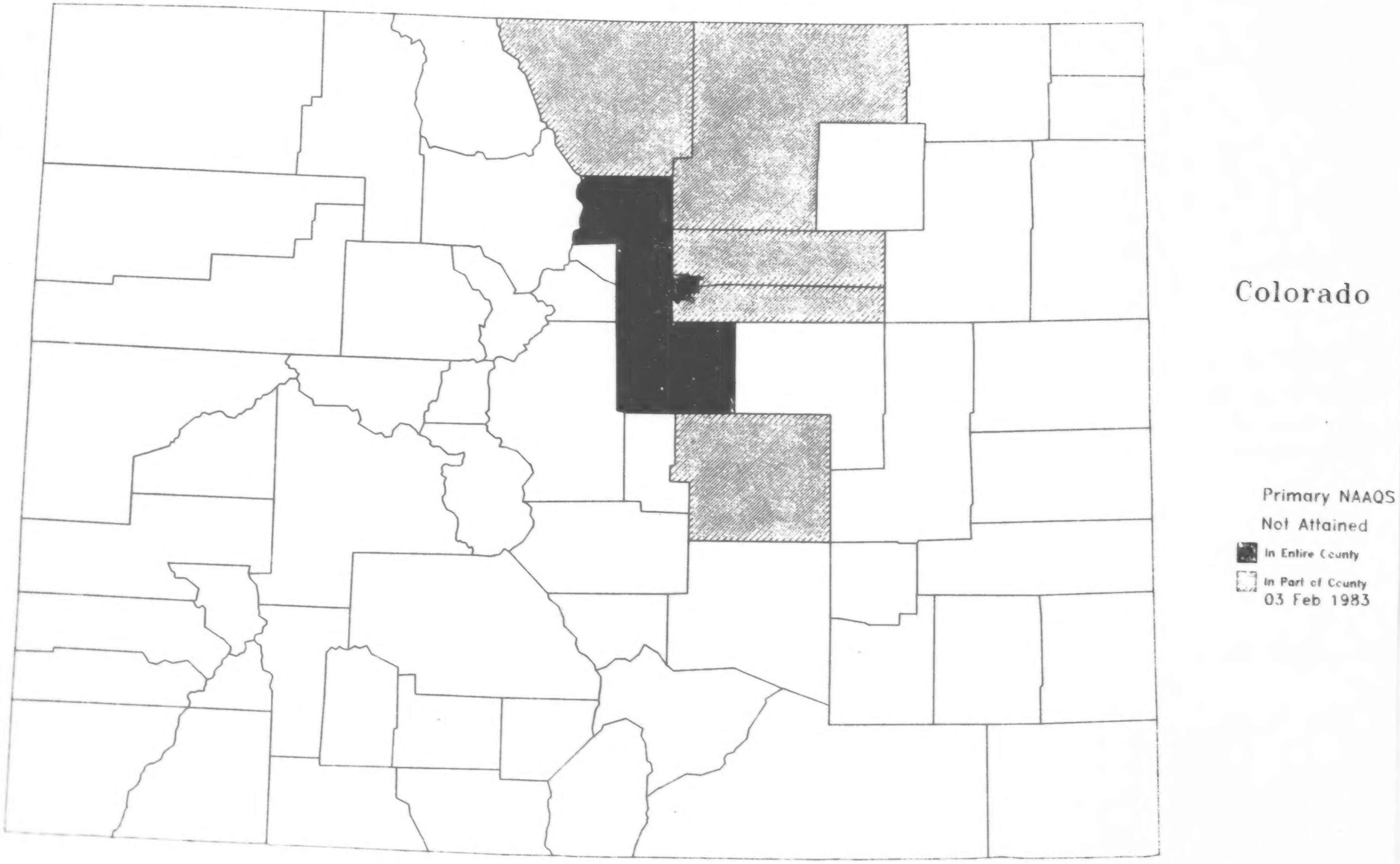

Kilometers
0
50
100
Colorado
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983

Colorado


Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of O3 Non--Attaining Counties -- 1983


Colorado
Primary NAAQS
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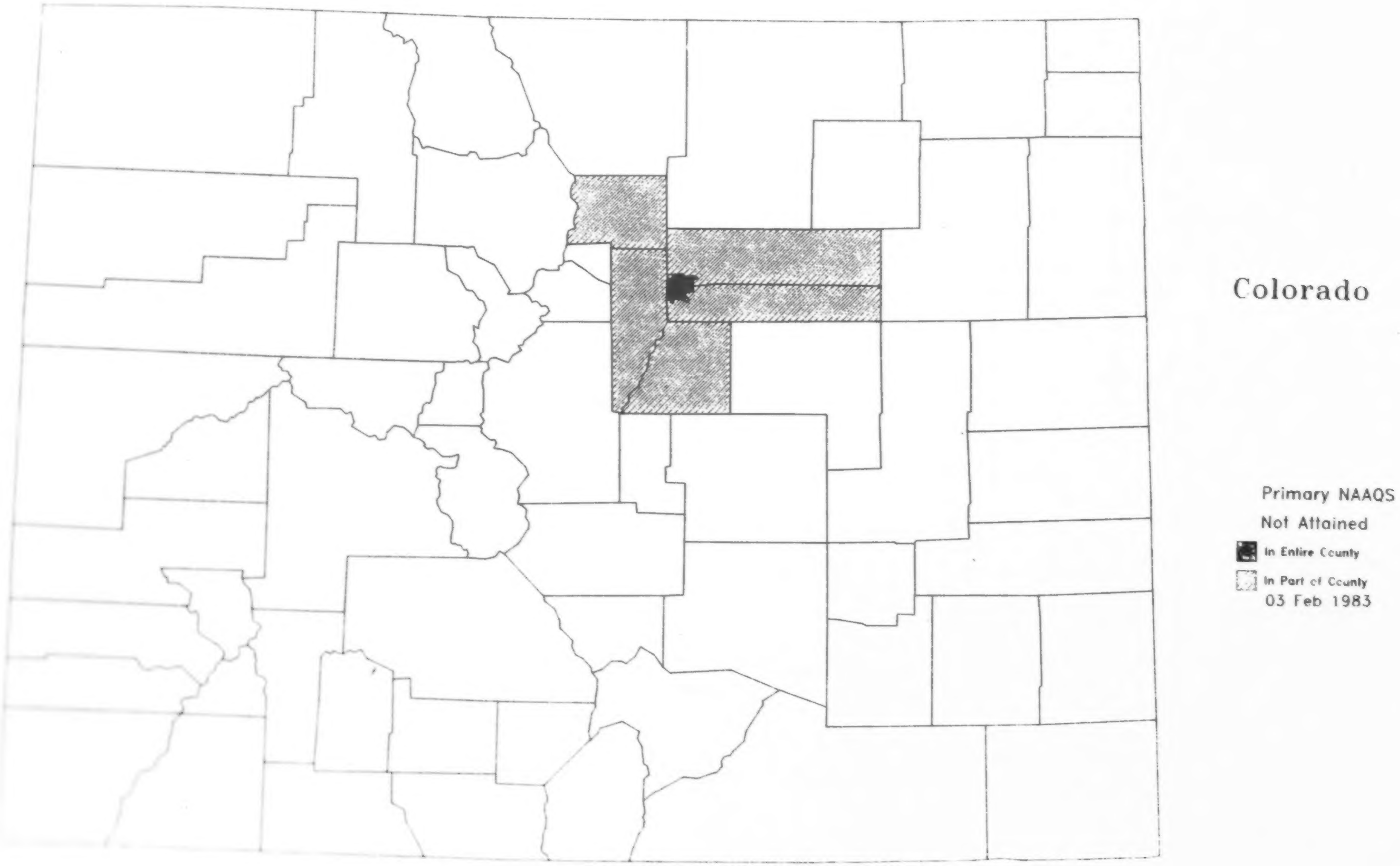
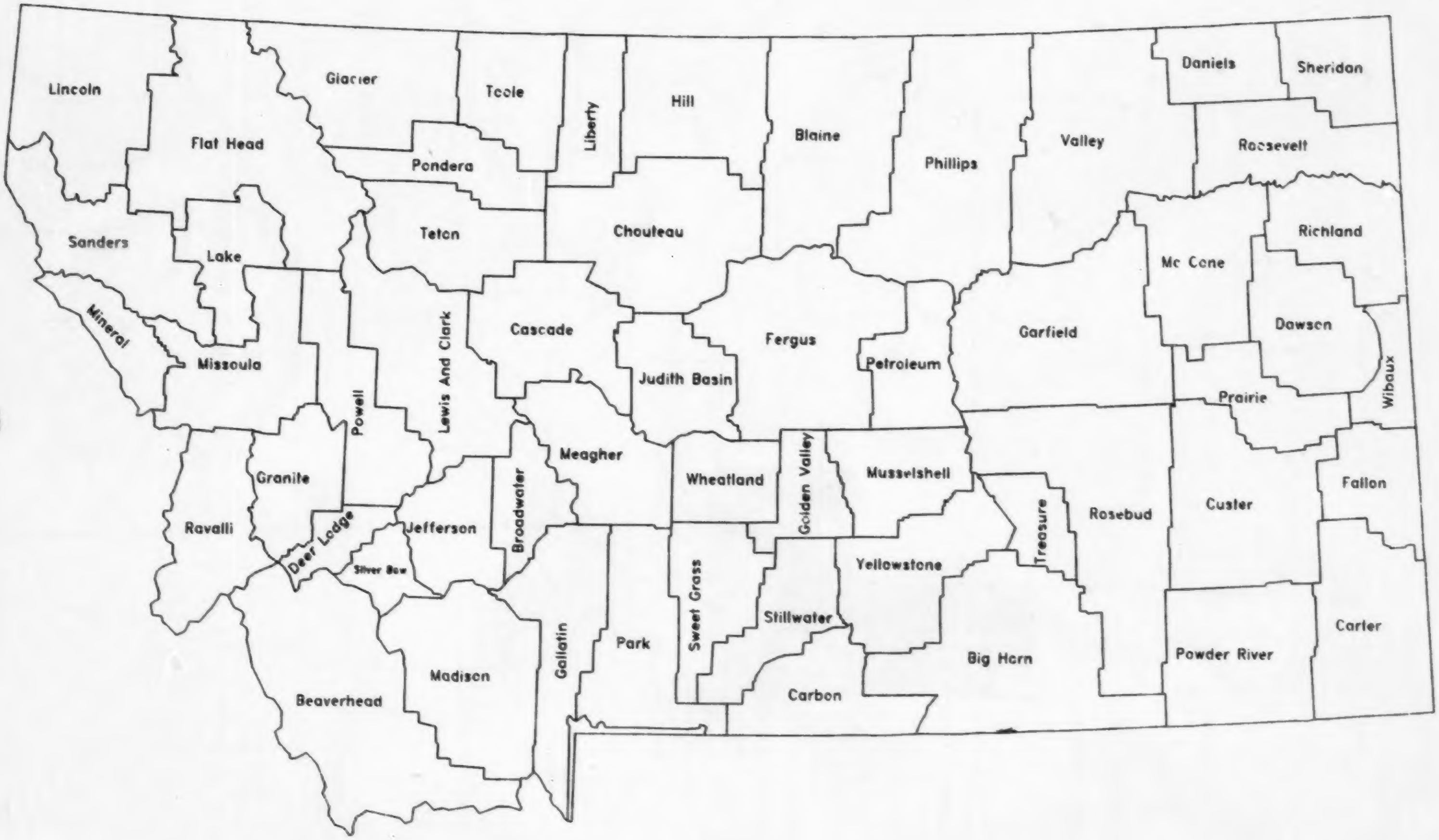
In Entire County
In Part of County
03 Feb 1983

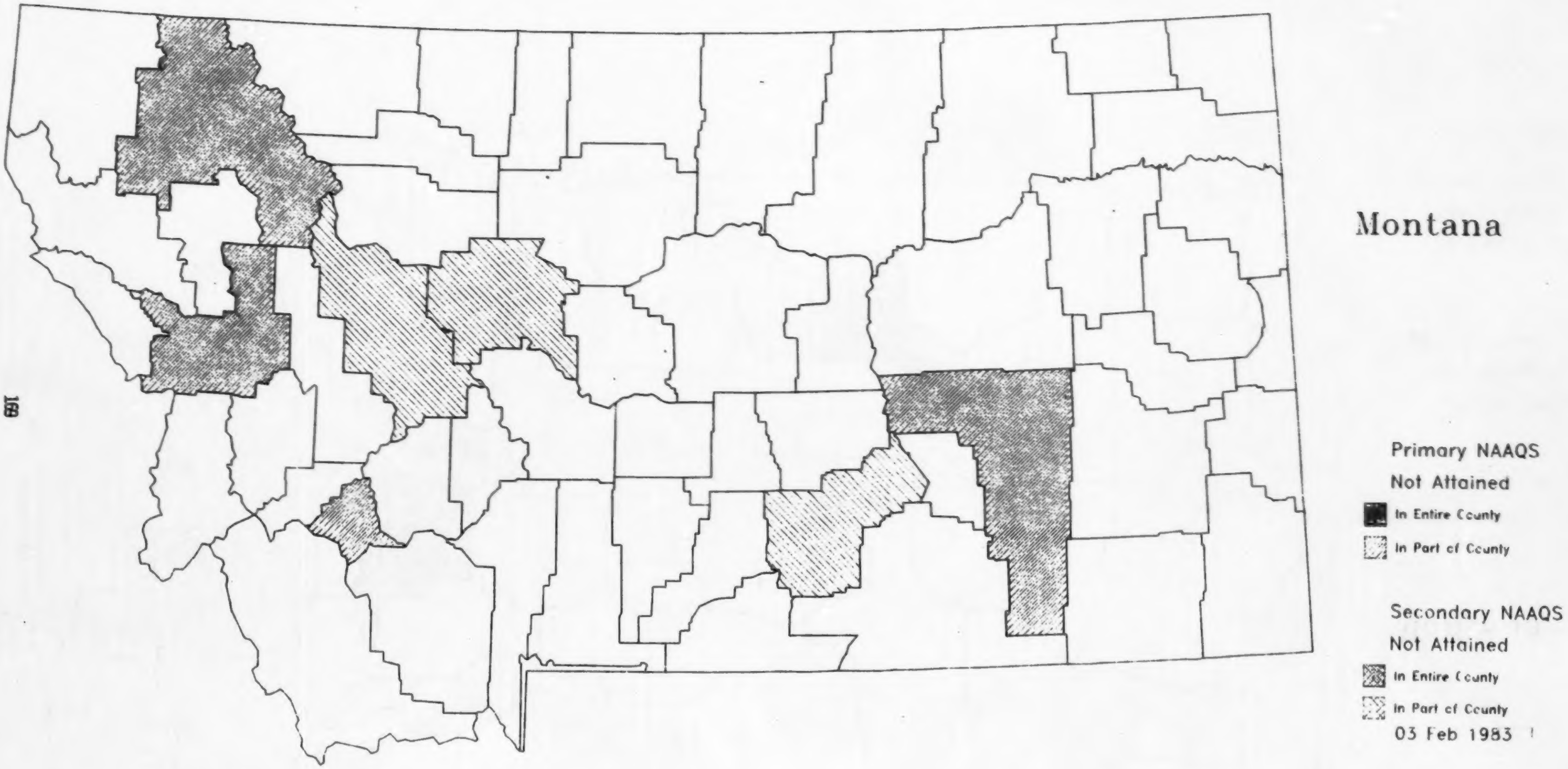
Promulgated List of CO Non-Attaining Counties - 1983


Colorado
Primary NAAQS
Not Attained
In Entire County
In Part of County
03 Feb 1983

Promulgated List of NOX Non-Attaining Counties -- 1983

Montana


Kilometers
0
50
100
Lincoln
Glacier
Toole
Liberty
Hill
Blaine
Phillips
Valley
Daniels
Sheridan
Roosevelt
Flat Head
Pondera
Sanders
Lake
Teton
Chouteau
Richland
Mc Cone
Mineral
Missoula
Cascade
Fergus
Garfield
Dawson
Judith Basin
Petroleum
Wibaux
Prairie
Powell
Lewis And Clark
Meagher
Granite
Wheatland
Golden Valley
Musselshell
Fallon
Custer
Rosebud
Treasure
Ravalli
Deer Lodge
Jefferson
Broadwater
Silver Bow
Yellowstone
Sweet Grass
Stillwater
Carter
Powder River
Big Horn
Park
Gallatin
Madison
Carbon
Beaverhead


Montana
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In Entire County
In Part of County
Secondary NAAQS
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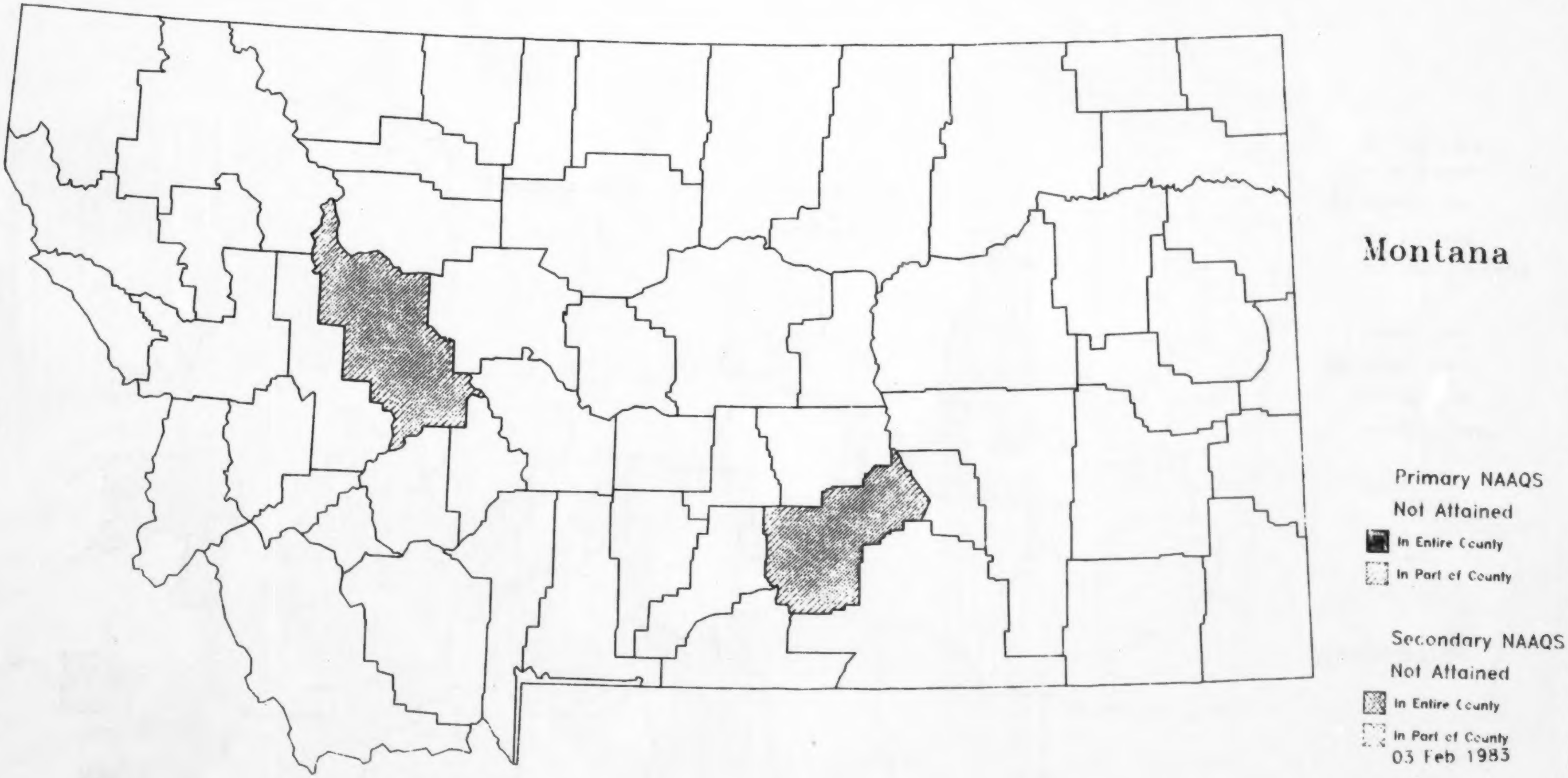
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983

Montana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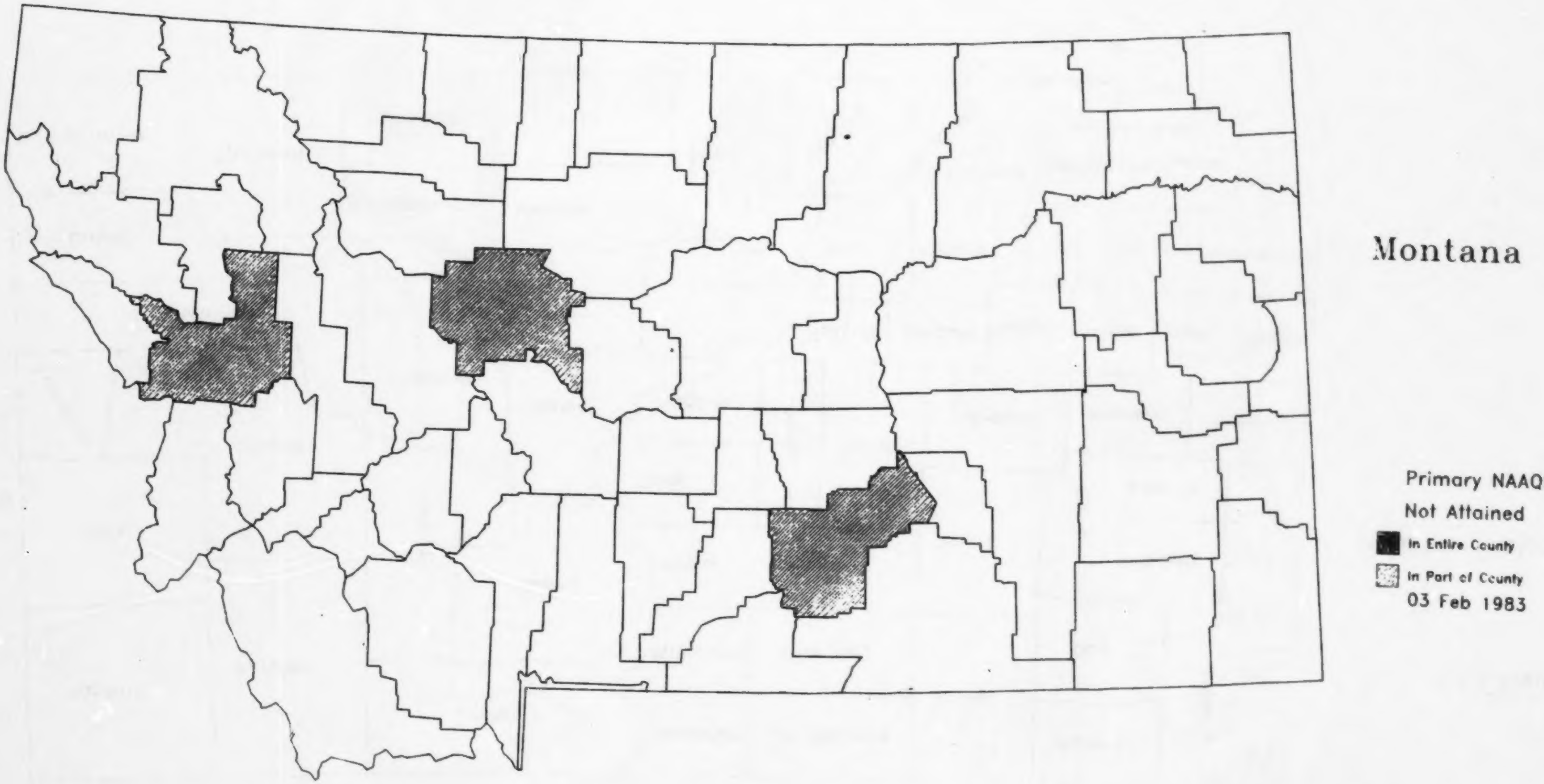
In Entire County
In Part of County
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties -- 1983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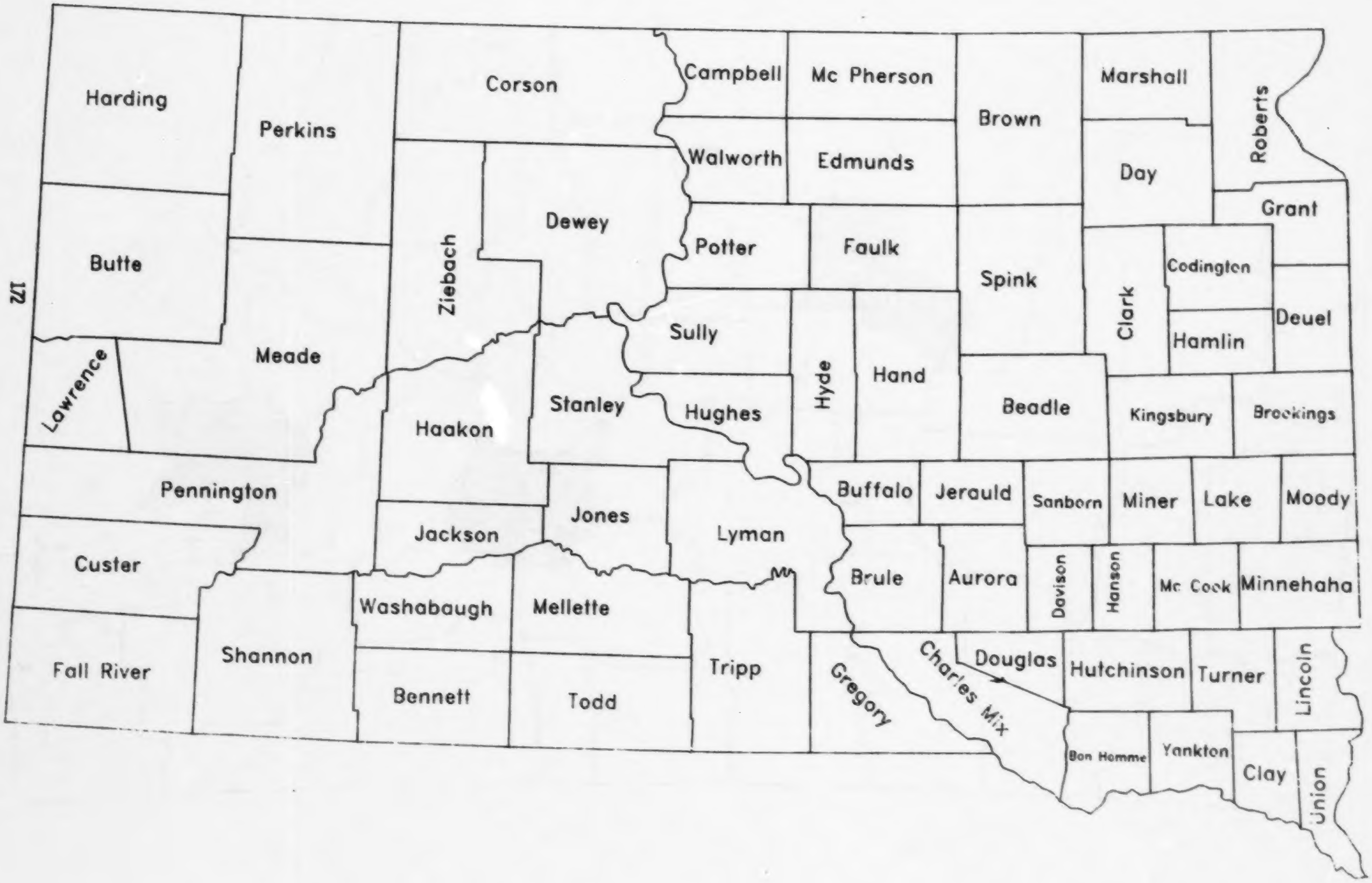
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983

South Dakota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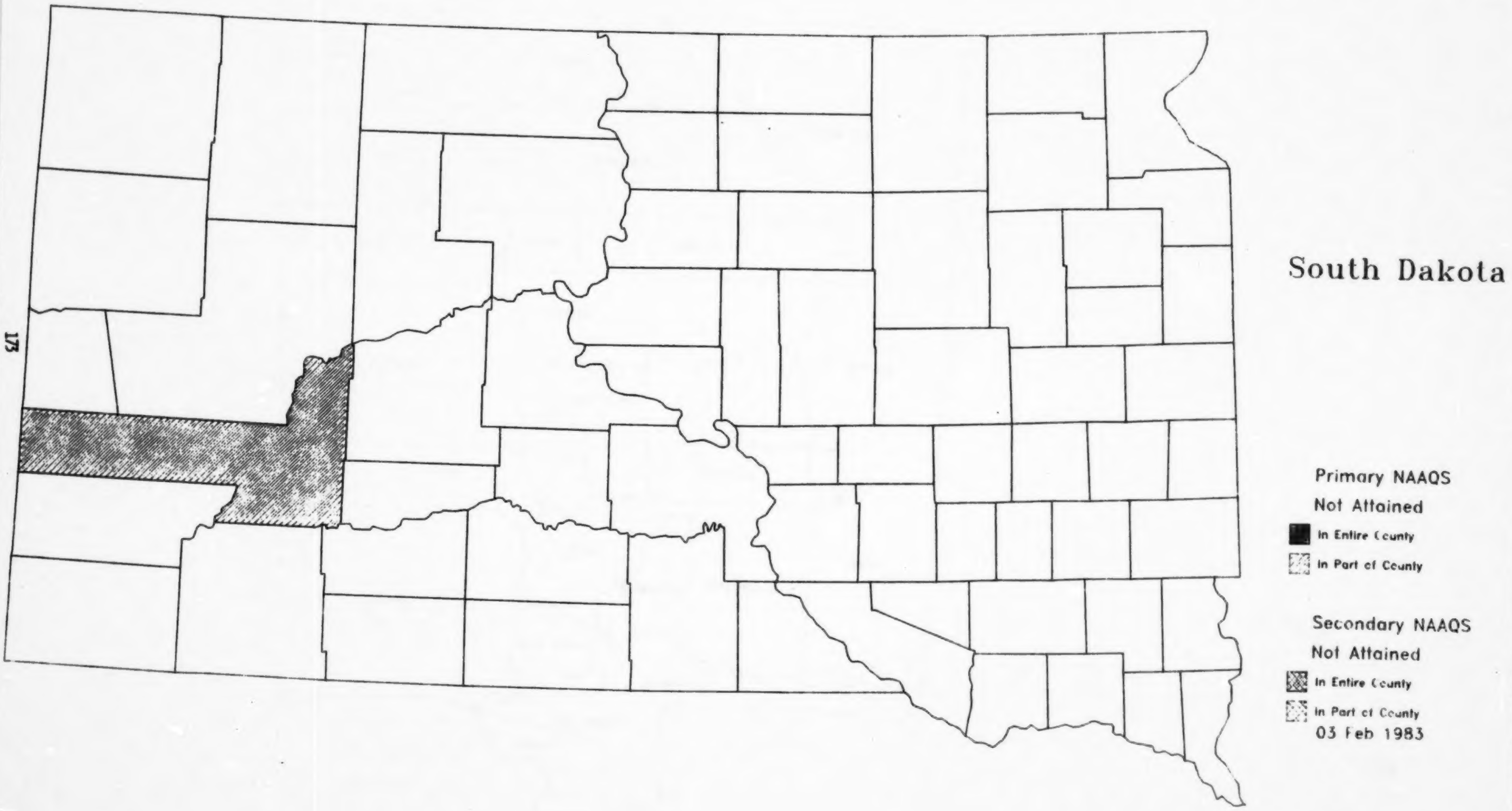
Perkins
Corson
Campbell
Mc Pherson
Brown
Marshall
Roberts
Walworth
Edmunds
Day
Grant
Butte
Ziebach
Dewey
Potter
Faulk
Spink
Codington
Clark
Deuel
Hamlin
Lawrence
Meade
Sully
Hyde
Hand
Stanley
Hughes
Beadle
Kingsbury
Brookings
Haakon
Pennington
Buffalo
Jerauld
Sanborn
Miner
Lake
Moody
Jackson
Jones
Lyman
Custer
Brule
Aurora
Davison
Hanson
Mc Cook
Minnehaha
Washabaugh
Mellette
Fall River
Shannon
Tripp
Gregory
Charles Mix
Douglas
Hutchinson
Turner
Lincoln
Bennett
Todd
Bon Homme
Yankton
Clay
Union


South Dakota
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In Entire County
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Secondary NAAQS
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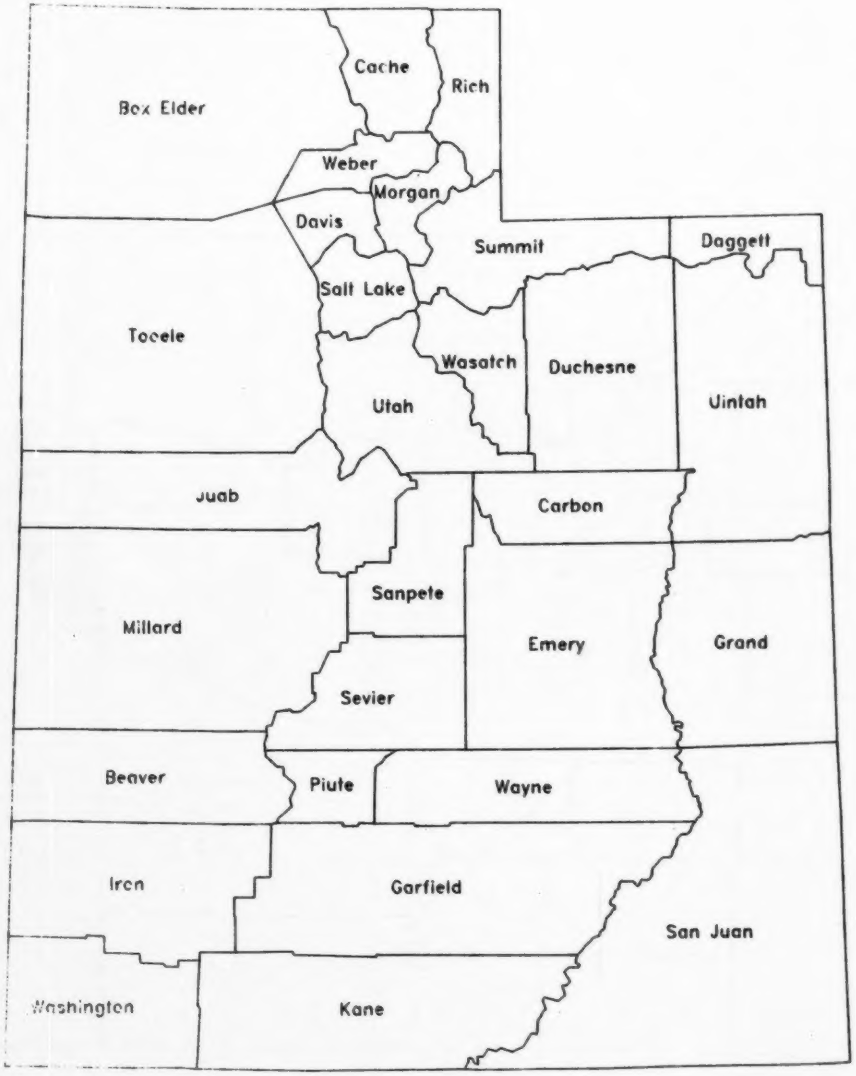
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983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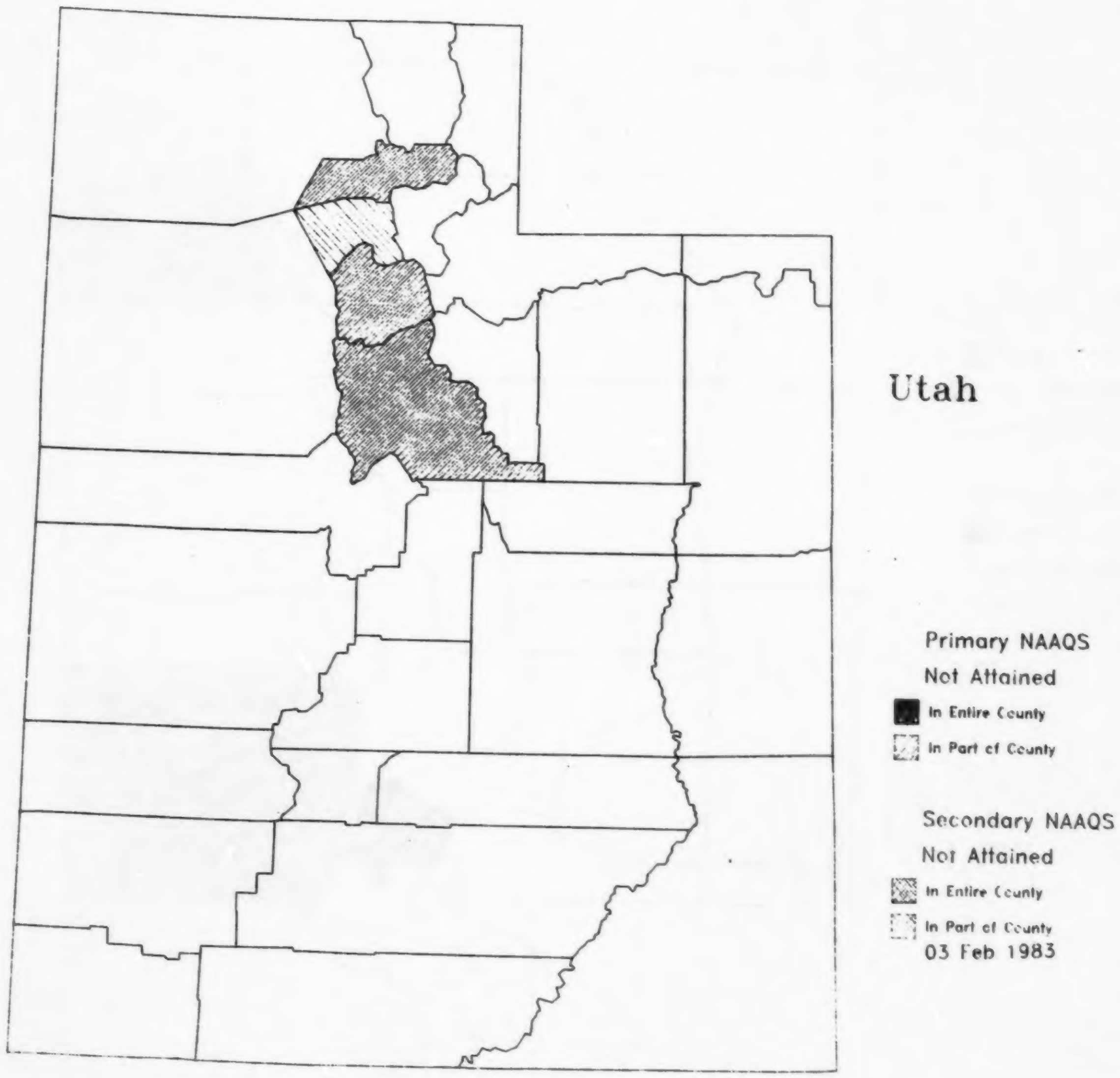
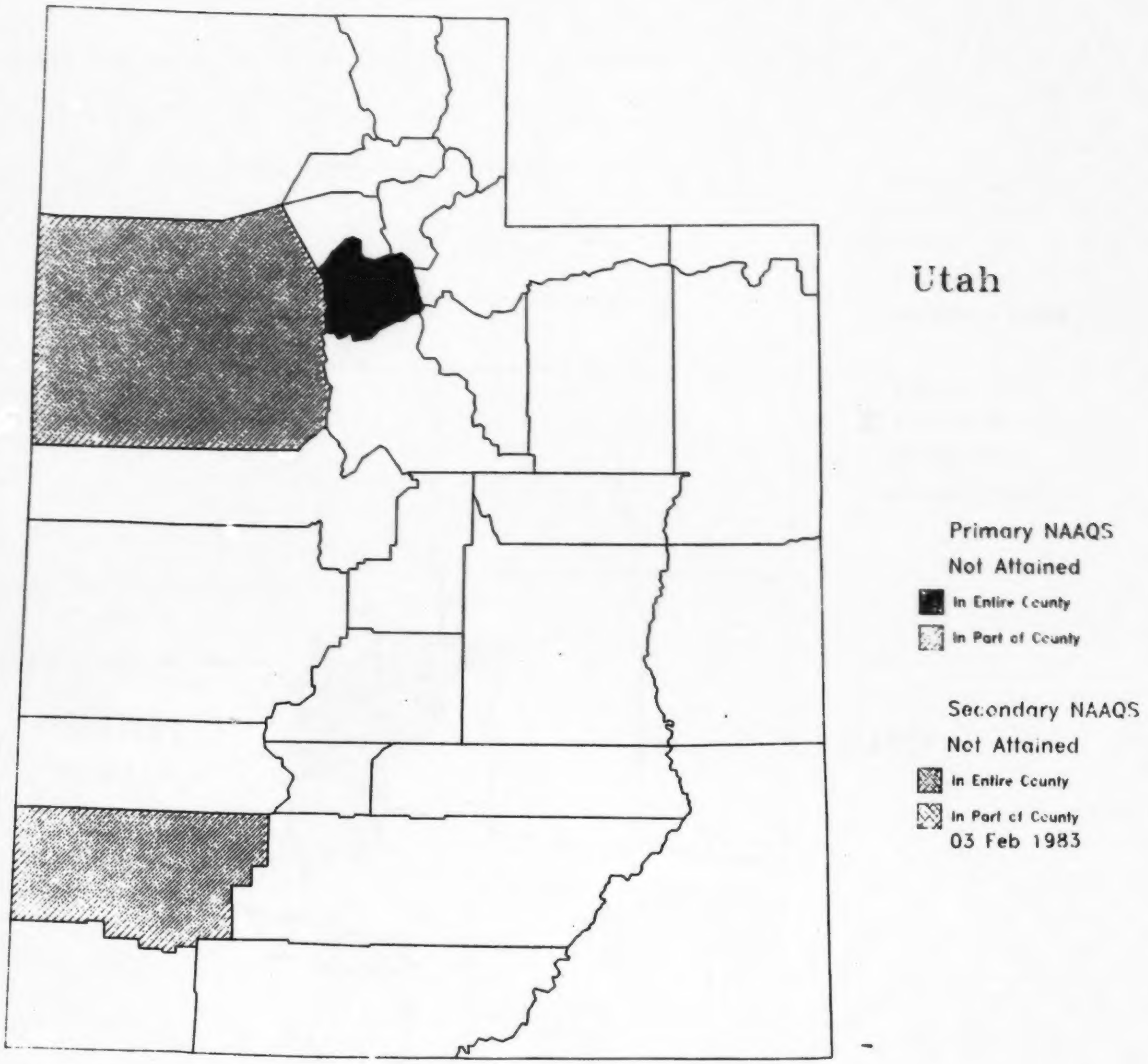
Cache
Rich
Weber
Morgan
Davis
Summit
Daggett
Salt Lake
Tooele
Wasatch
Duchesne
Uintah
Utah
Juab
Carbon
Sanpete
Millard
Emery
Grand
Sevier
Beaver
Piute
Wayne
Iron
Garfield
San Juan
Washington
Kane
Kilometers
0 50 100

Utah

CPDD OAQPS


Utah
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties - 1983


Utah
Primary NAAQS
Not Attained
■ In Entire County
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Secondary NAAQS
Not Attained
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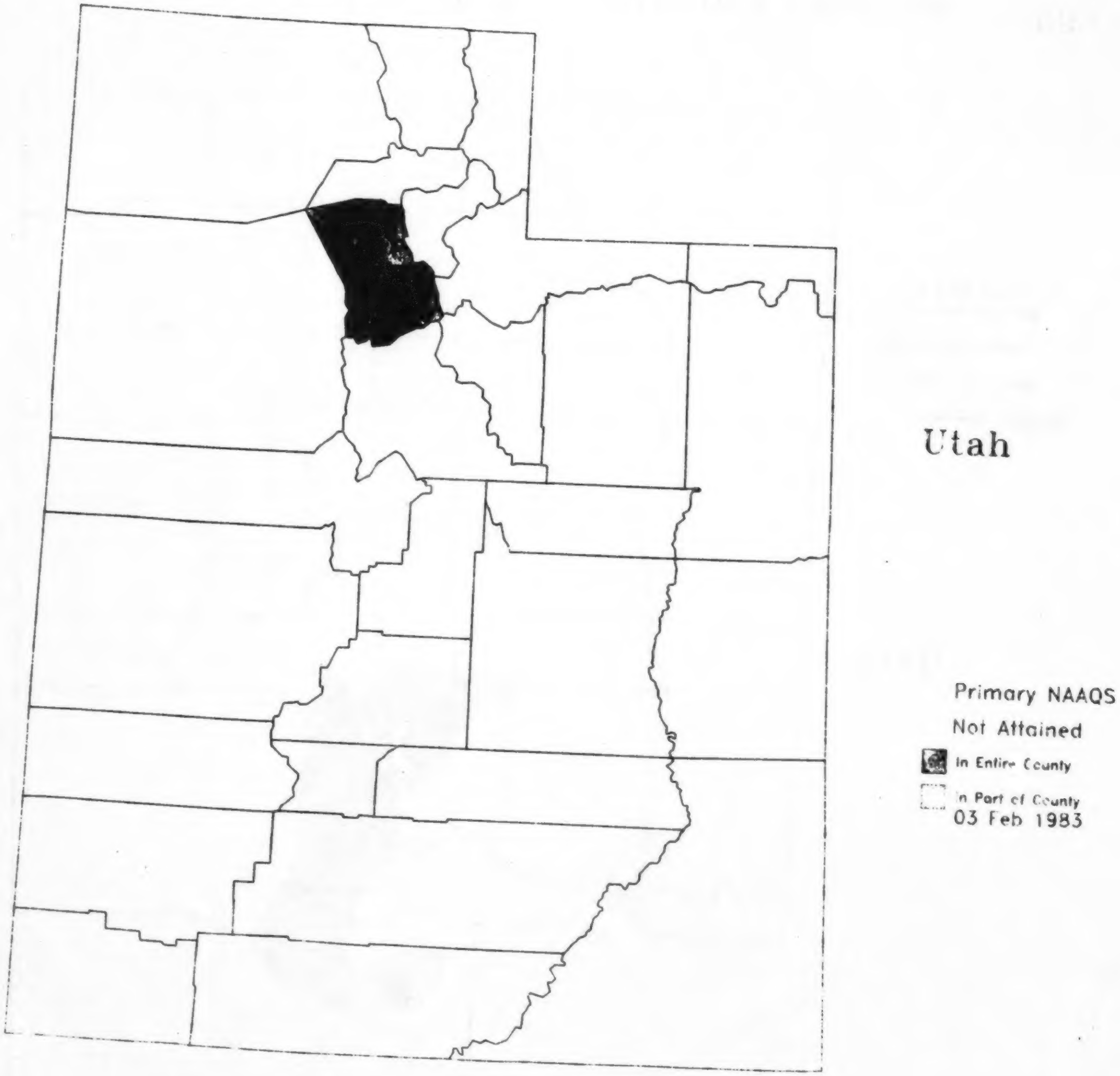
▨ In Part of County
03 Feb 1983

Promulgated List of S02 Non-Attaining Counties -- 1983

Utah


Primary NAAQS
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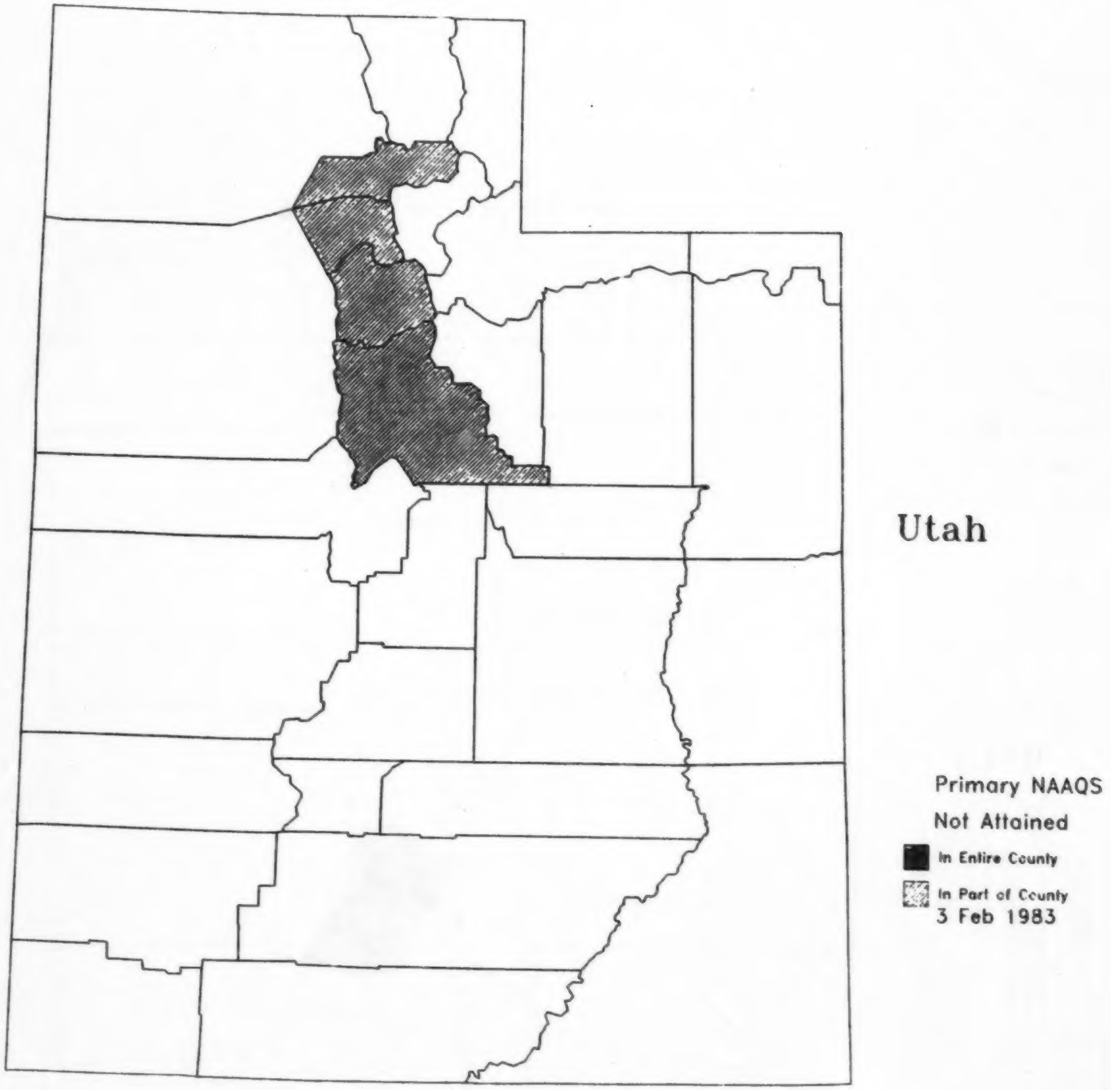
▨ In Entire County
☐ In Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties - 1983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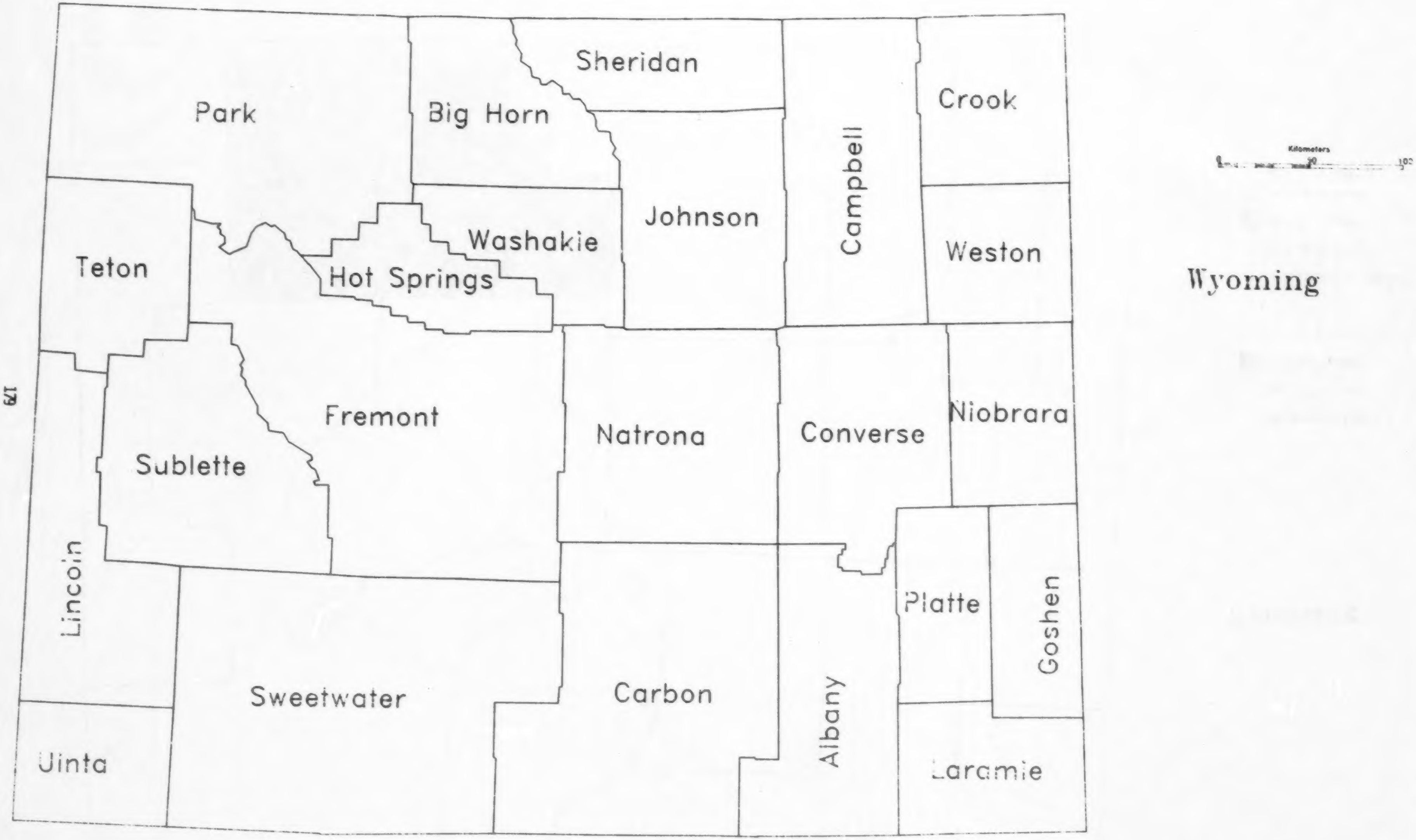
▨ In Part of County
3 Feb 1983

Promulgated List of CO Non-Attaining Counties - 1983

Wyoming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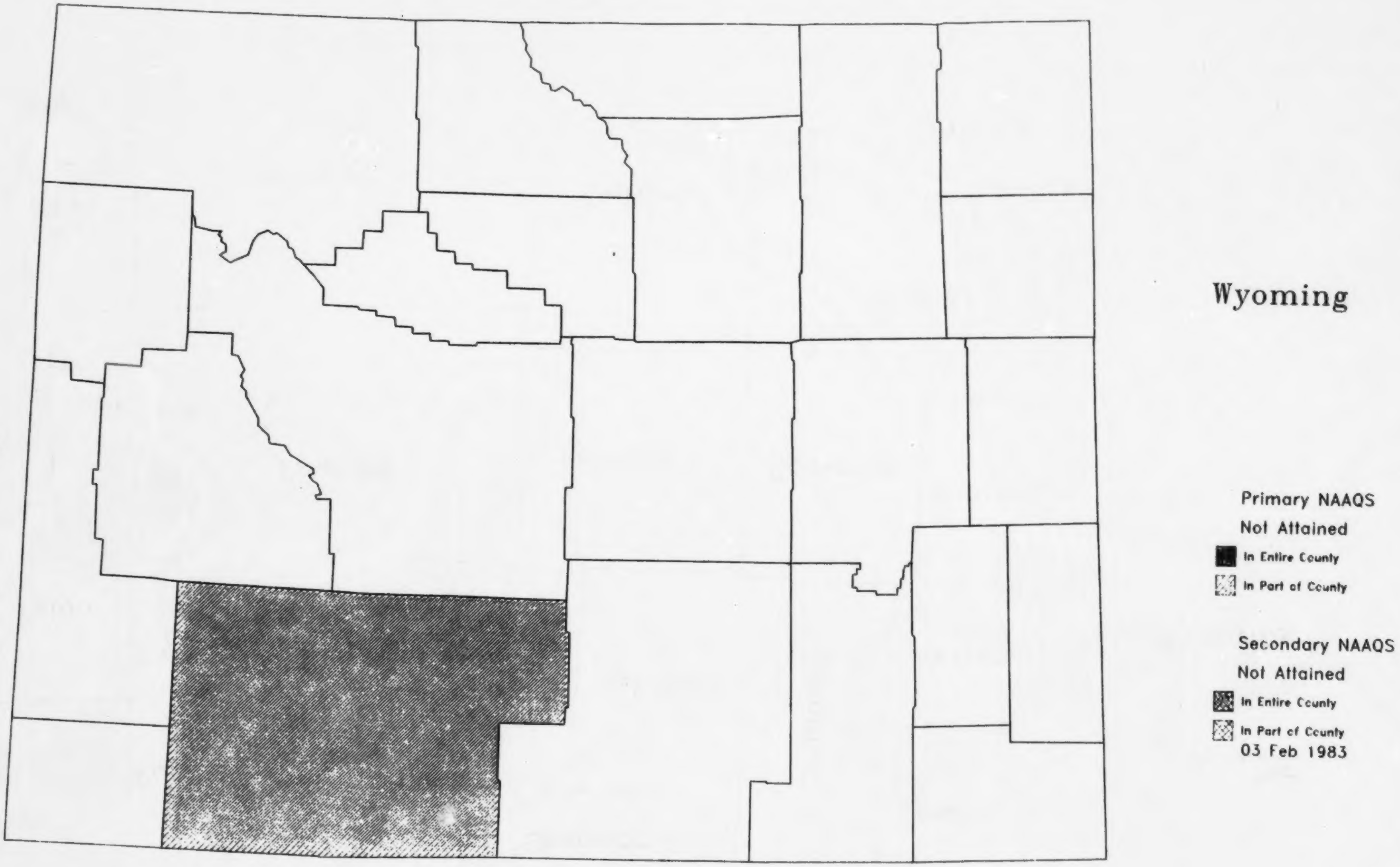
100
Park
Big Horn
Sheridan
Johnson
Campbell
Crook
Weston
Teton
Washakie
Hot Springs
Fremont
Sublette
Natrona
Converse
Niobrara
Lincoln
Sweetwater
Carbon
Albany
Platte
Goshen
Uinta
Laramie

Wyoming


Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▩ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983

Region IX

American Samoa, Arizona, California, Guam, Hawaii, Nevada, Northern Mariana Islands

Air Programs Branch
EPA Region IX
215 Fremont Street
San Francisco, California 94105
(415) 556-7882

ALL COUNTIES MEET THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR AMERICAN SAMOA

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR ARIZONA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	OZ
Cochise Co	85,686	P		P				
Coconino Co	75,008	P						
Gila Co	37,080	P		P				
Greenlee Co	11,406	P		P				
Maricopa Co	1,509,262	P				P		P
Navajo Co	67,629	P						
Pima Co	531,443	P		P		P		
Pinal Co	90,918	P		P				

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR CALIFORNIA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	OZ
Alameda Co	1,105,379					W		W
Butte Co	143,851					P		W
Contra Costa Co	656,380					W		W
El Dorado Co	85,812					P		P
Fresno Co	514,229	W				P		W
Imperial Co	92,110							W
Kern Co	403,089	P		P		P		P
Kings Co	73,738	W						W
Los Angeles Co	7,477,503	P				P	P	W
Madera Co	63,116	W						W
Marin Co	222,592					W		W
Merced Co	134,558	W						W
Monterey Co	290,444							W
Napa Co	99,199					W		W
Orange Co	1,932,709	W				W	W	W
Placer Co	117,247					P		P
Riverside Co	663,199	P				P	P	P
Sacramento Co	783,381		W			P		W
San Benito Co	25,005							W
San Bernardino Co	895,016	P				P	P	P
San Diego Co	1,861,846	P				P		W
San Francisco Co	678,974					W		W
San Joaquin Co	347,342	W				W		W
San Luis Obispo Co	155,435		P					
San Mateo Co	587,329					W		W
Santa Barbara Co	298,694	P				P		W
Santa Clara Co	1,295,071		W			W		W
Santa Cruz Co	188,141							W
Solano Co	235,203					P		W
Sonoma Co	299,681					P		P
Stanislaus Co	265,900	W				W		W
Sutter Co	52,246							W
Tulare Co	245,738	W						W
Ventura Co	529,174	P						P
Yolo Co	113,374							W
Yuba Co	49,733							W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR GUAM

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O3
GUAM				P				

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR HAWAII

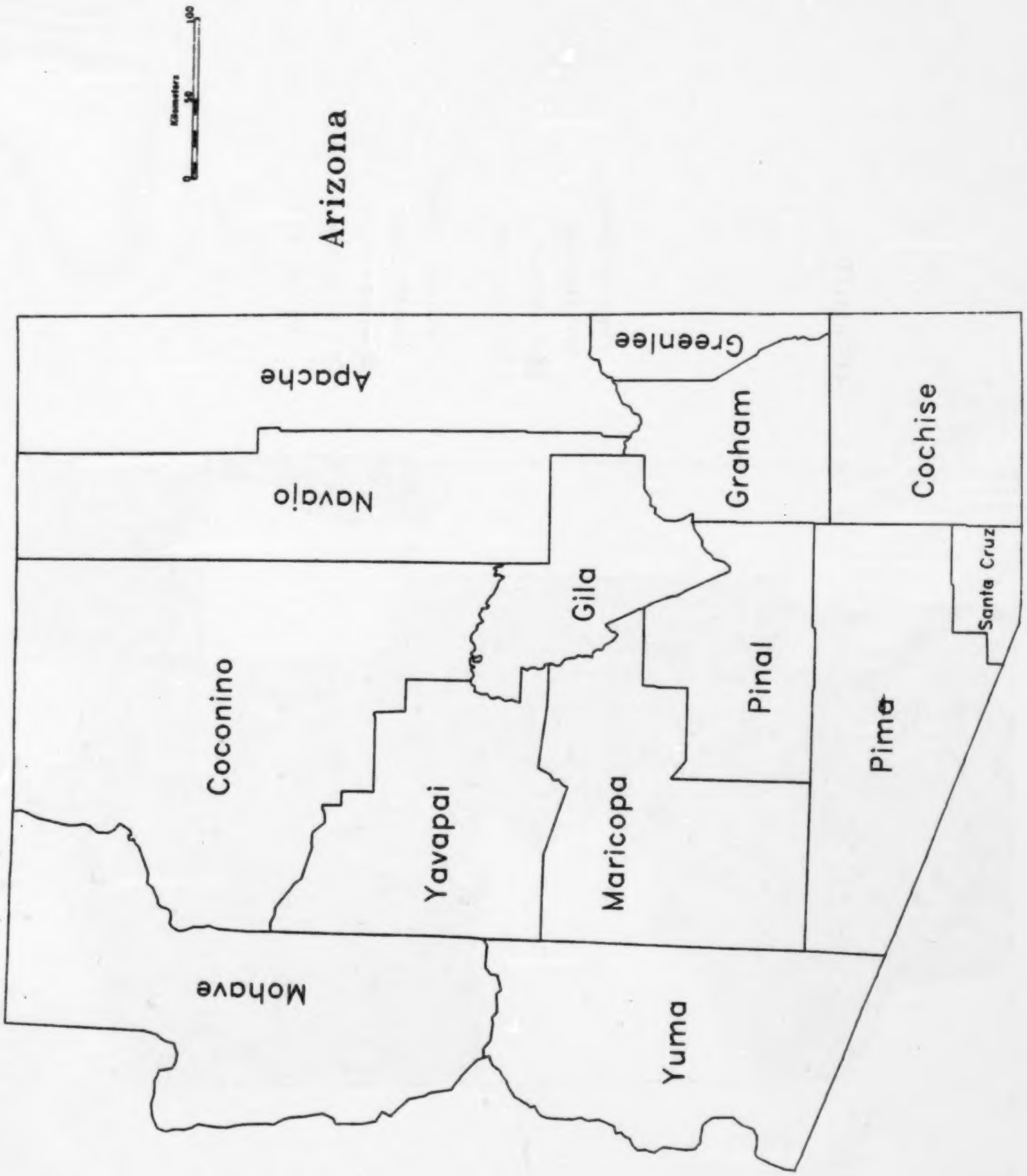
COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O3
Honolulu Co	762,565			P				
Maui Co	70,847	P		P				

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NEVADA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O3
Churchill Co	13,917	P						
Clark Co	463,087	P				P		P
Douglas Co	19,421					P		
Elko Co	17,269		P					
Eureka Co	1,198		P					
Humboldt Co	9,434	P	P					
Lander Co	4,076		P					
Lyon Co	13,594	P						
Mineral Co	6,217	P						
Storey Co	1,503	P						
Washoe Co	193,623	P				P		
White Pine Co	8,167			P				
Carson City	32,022					P		

ALL COUNTIES MEET THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NORTHERN MARIANA ISLANDS

P = PART OF THE COUNTY   W = THE WHOLE COUNTY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100
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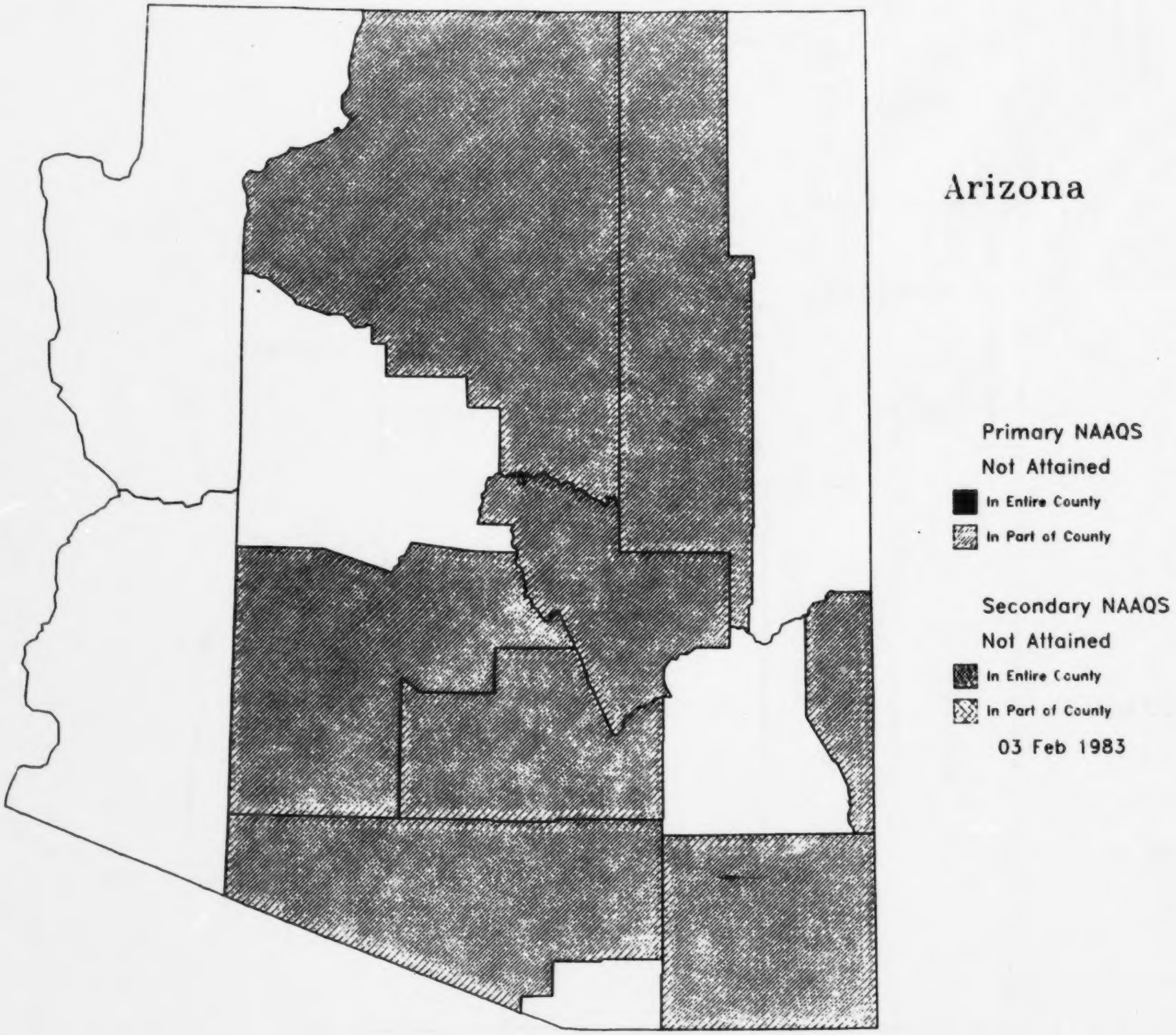
Navajo
Coconino
Mohave
Yavapai
Gila
Greenlee
Graham
Cochise
Pinal
Maricopa
Pima
Santa Cruz
Yuma


Arizona
Primary NAAQS
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In Entire County
In Part of County
Secondary NAAQS
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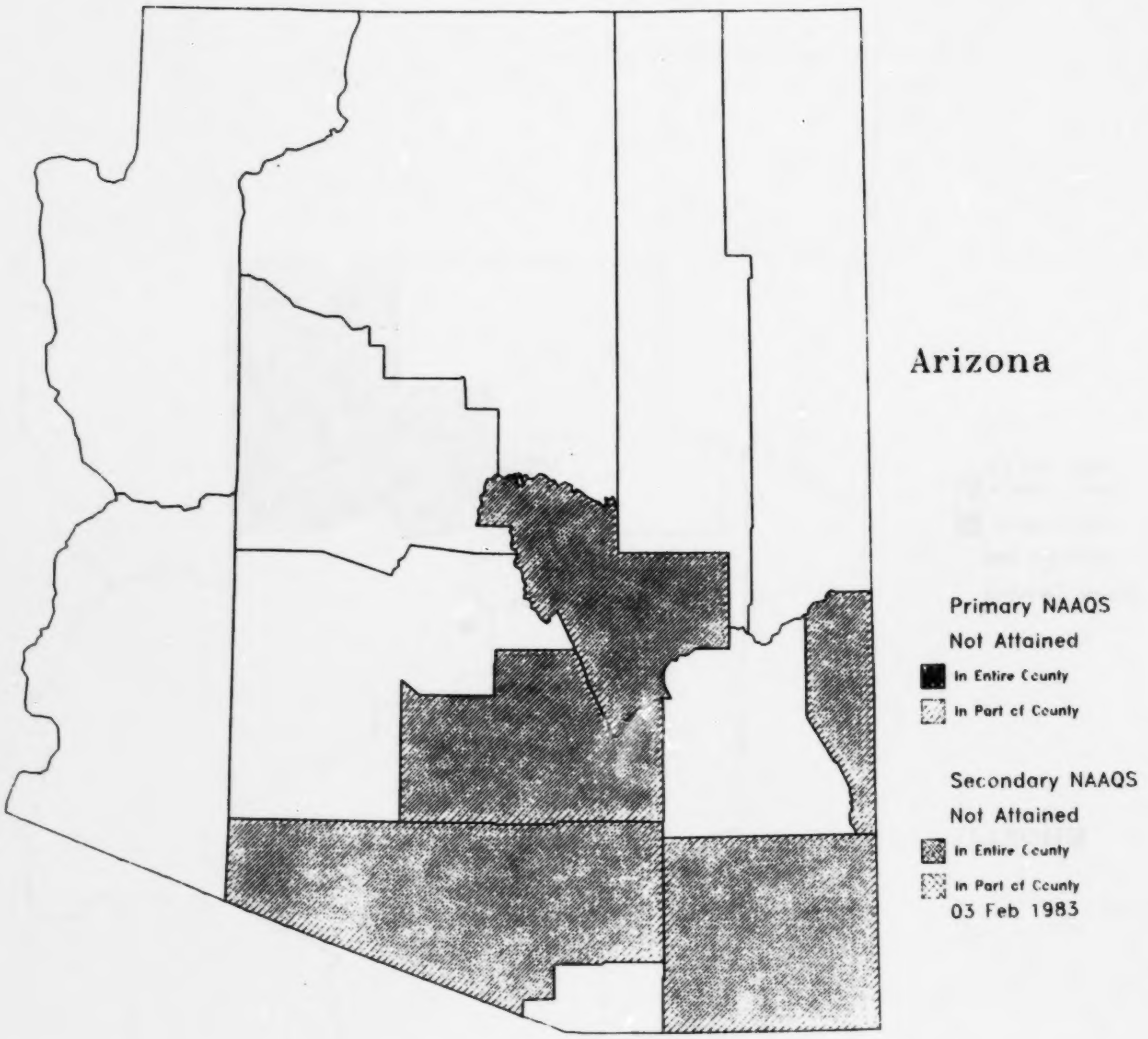
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties - 1983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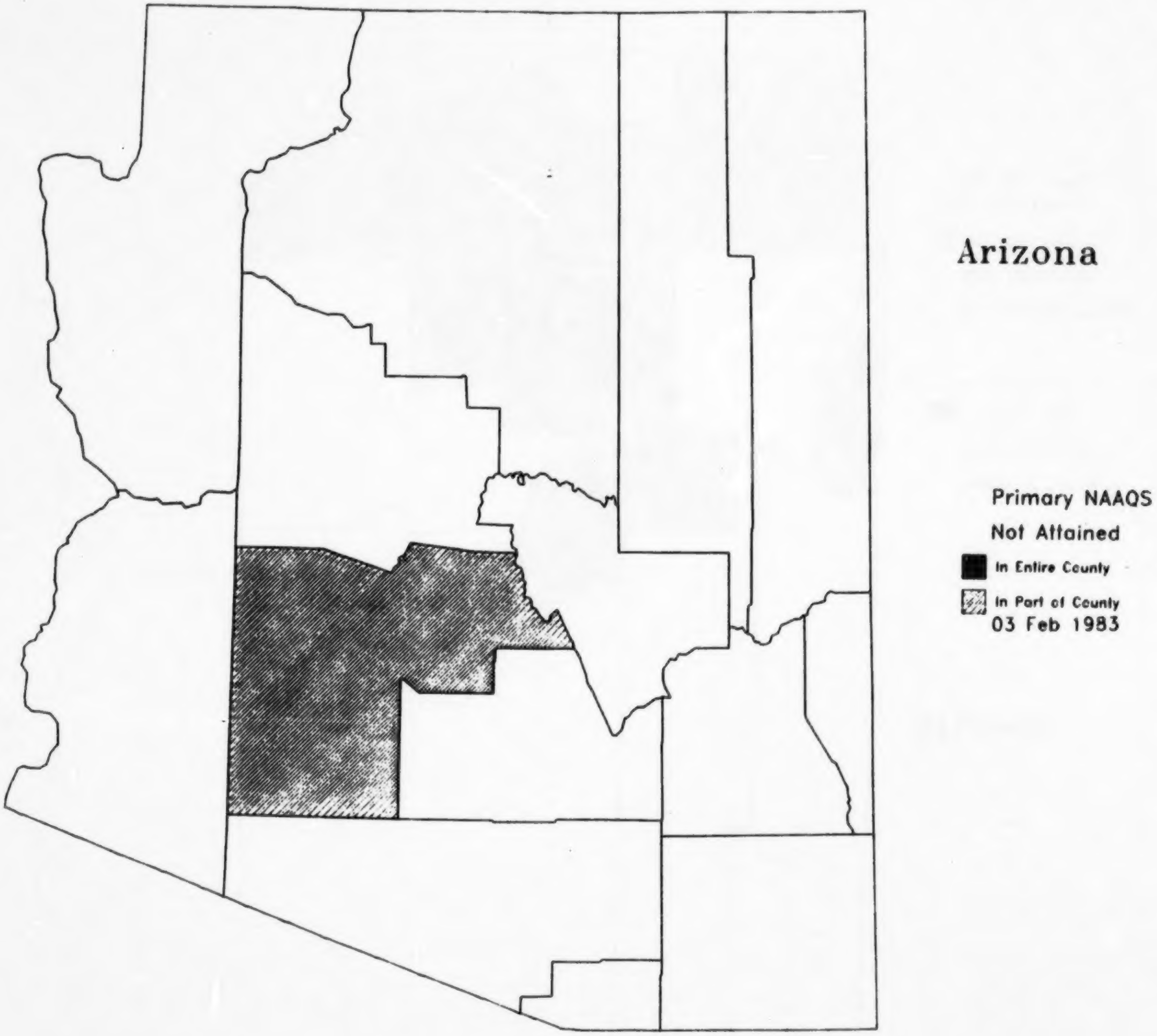
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties -- 1983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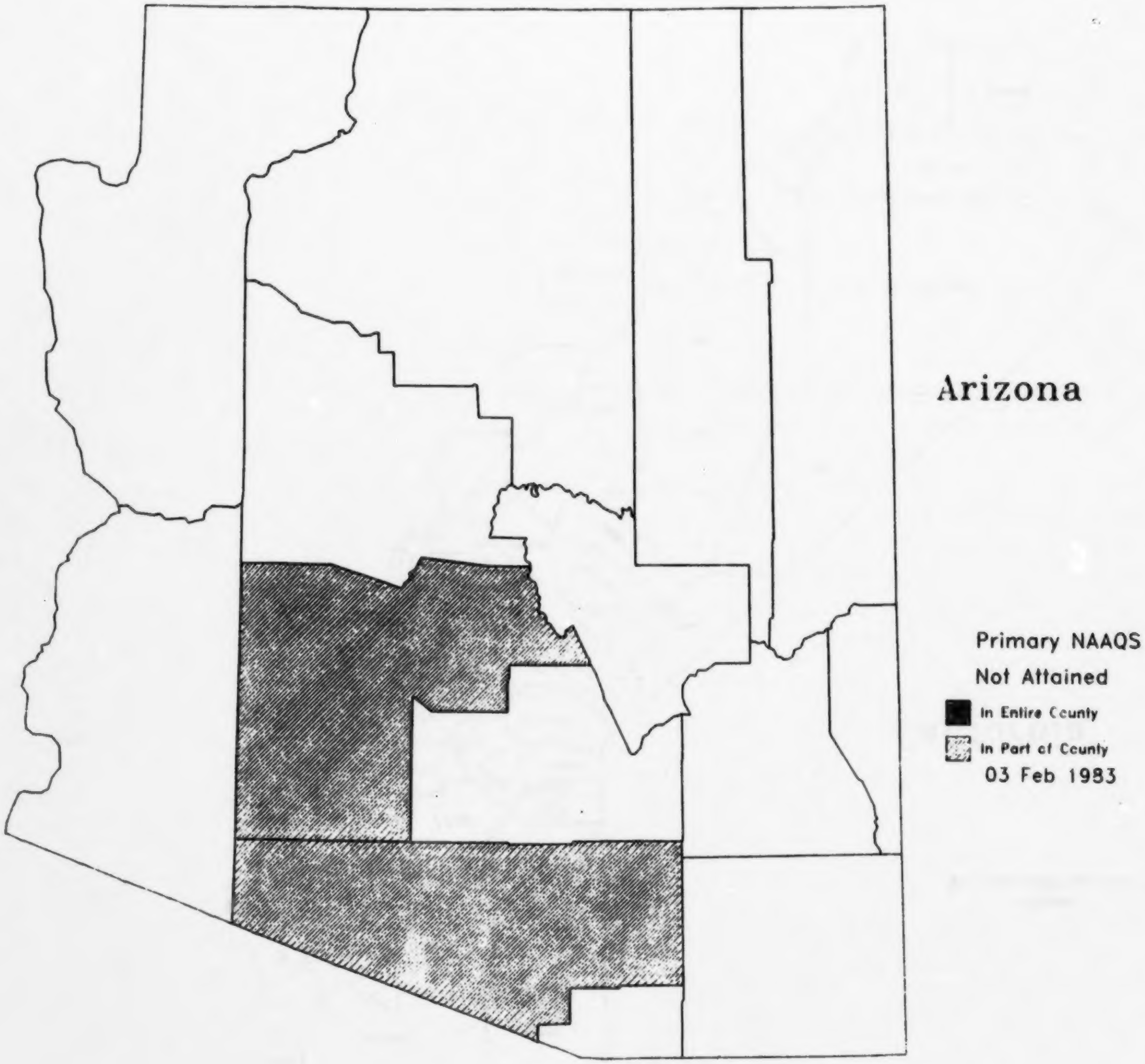
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties - 1983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■ In Entire County
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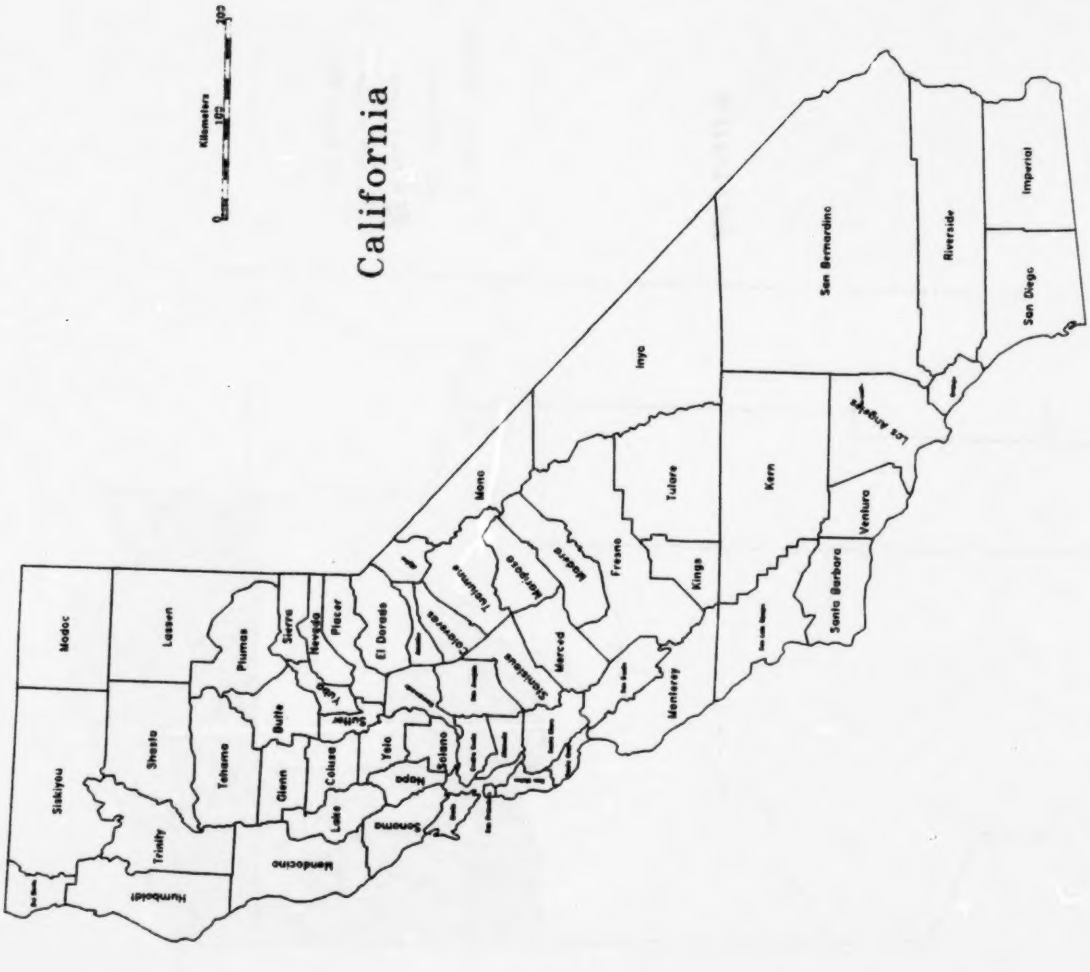
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983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200
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Lassen
Siskiyou
Shasta
Trinity
Humboldt
Tehama
Plumas
Butte
Glenn
Colusa
Lake
Mendocino
Sierra
Nevada
Placer
Yuba
Sutter
Yolo
Napa
Sonoma
Solano
El Dorado
Calaveras
Tuolumne
Mariposa
Madera
Mono
Stanislaus
Merced
Fresno
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Tulare
Kings
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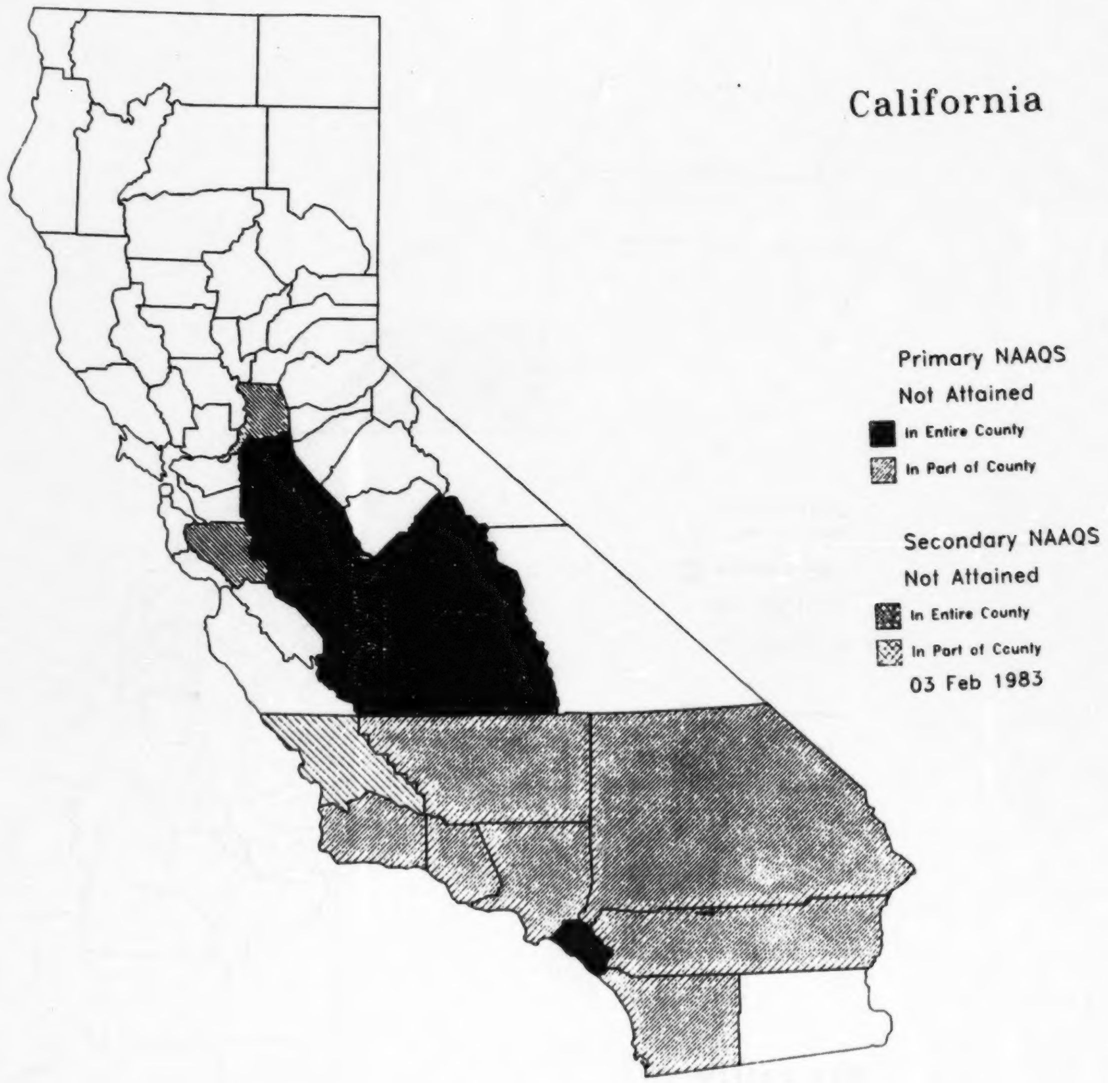
Kern
Santa Barbara
Ventura
Los Angeles
San Bernardino
Riverside
San Diego
Imperial

California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Secondary NAAQS
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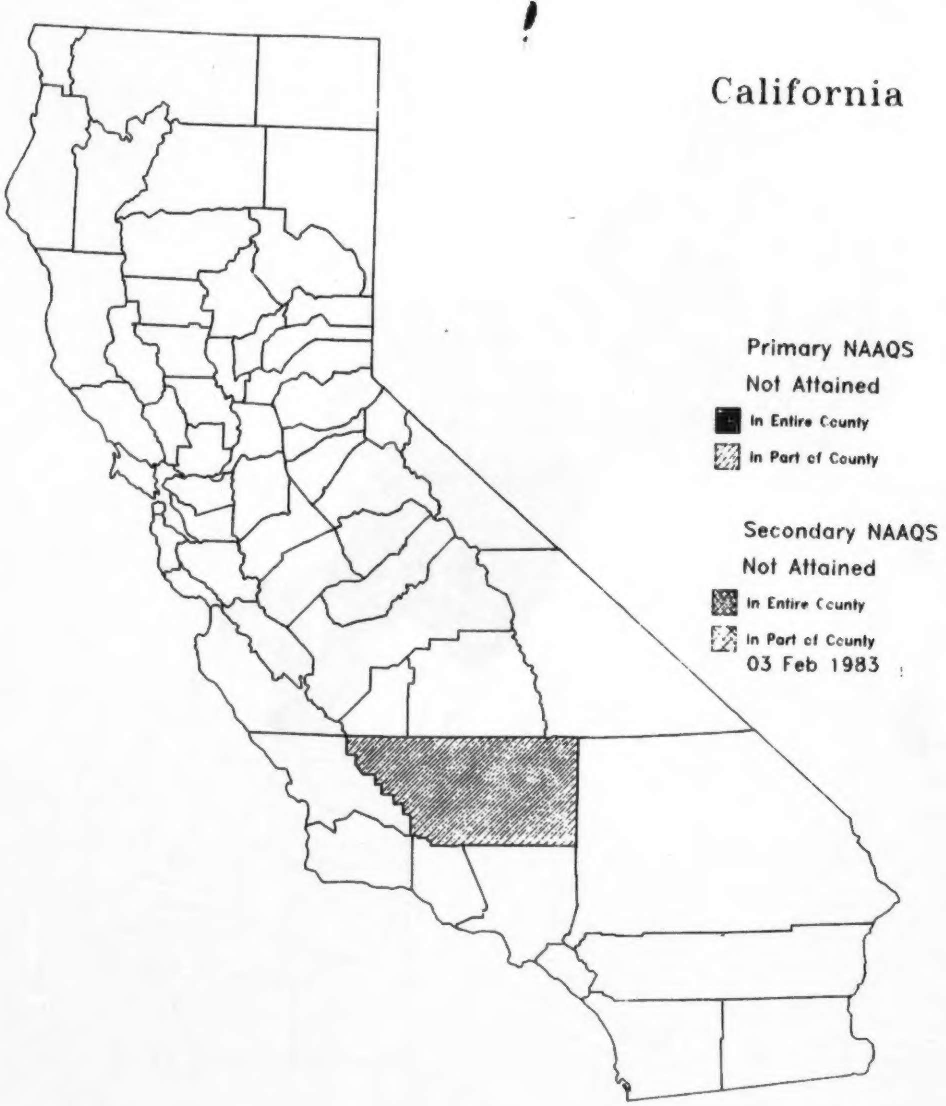
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983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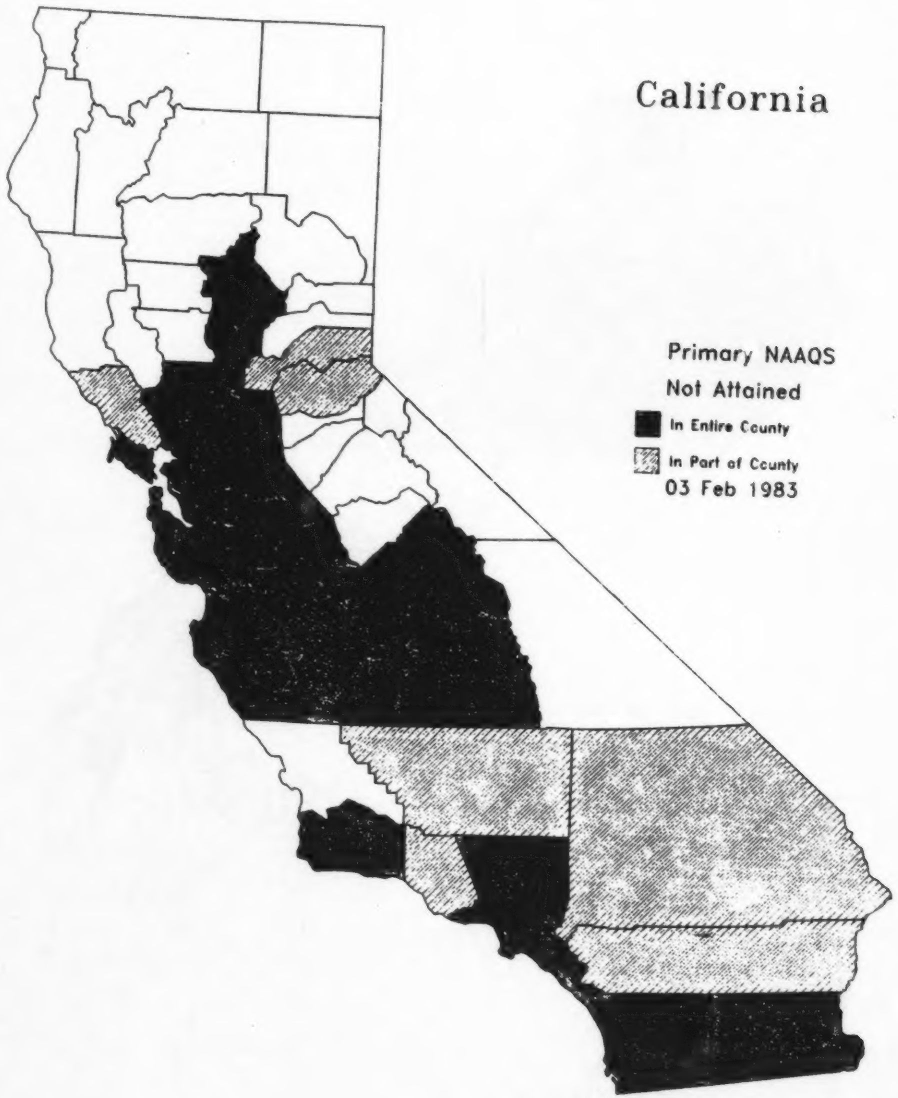
03 Feb 1983

Promulgated List of SO2 Non-Attaining Counties -- 1983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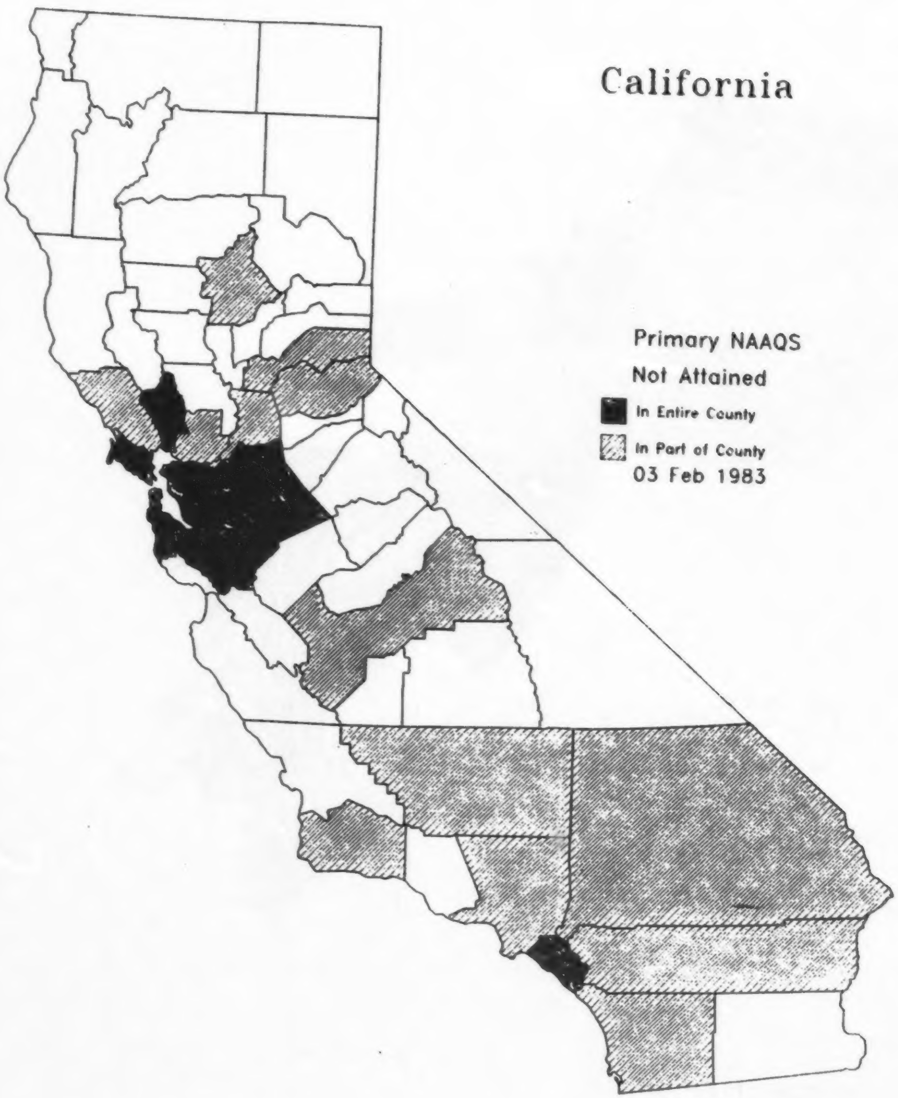
03 Feb 1983

Promulgated List of 03 Non-Attaining Counties - 1983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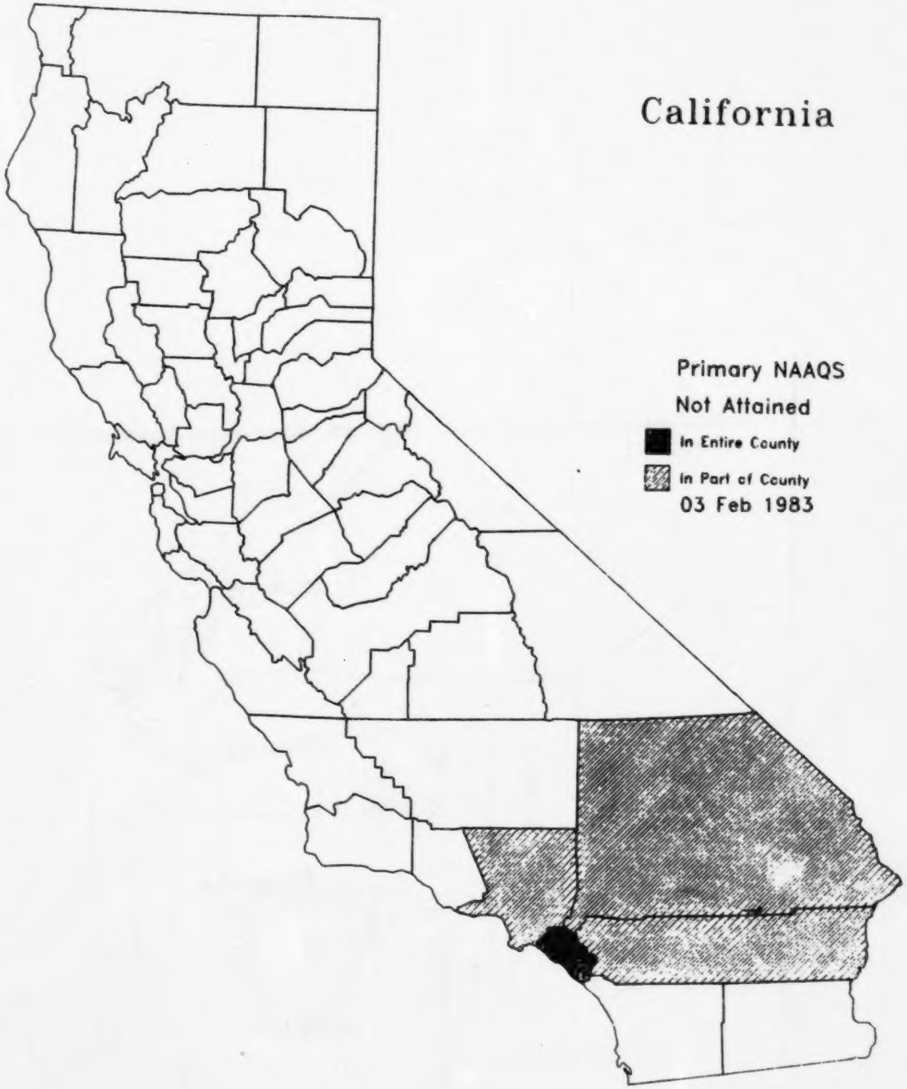
03 Feb 1983

Promulgated List of CO Non--Attaining Counties -- 1983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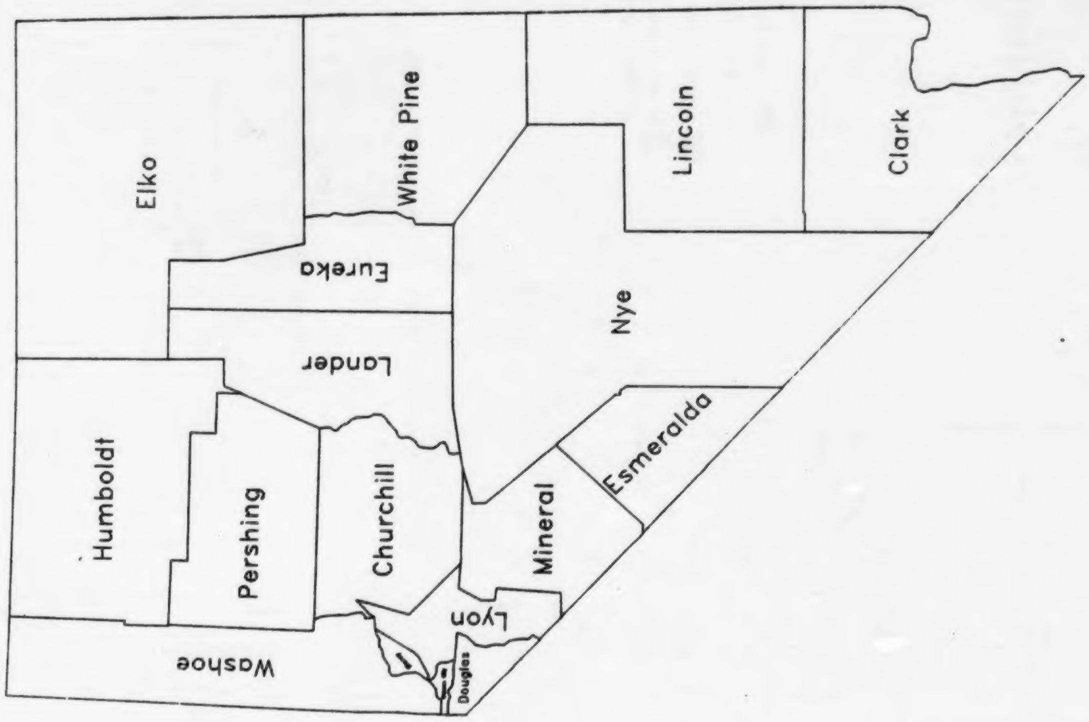
03 Feb 1983

Promulgated List of NOX Non--Attaining Counties -- 1983

Nevada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Lincoln
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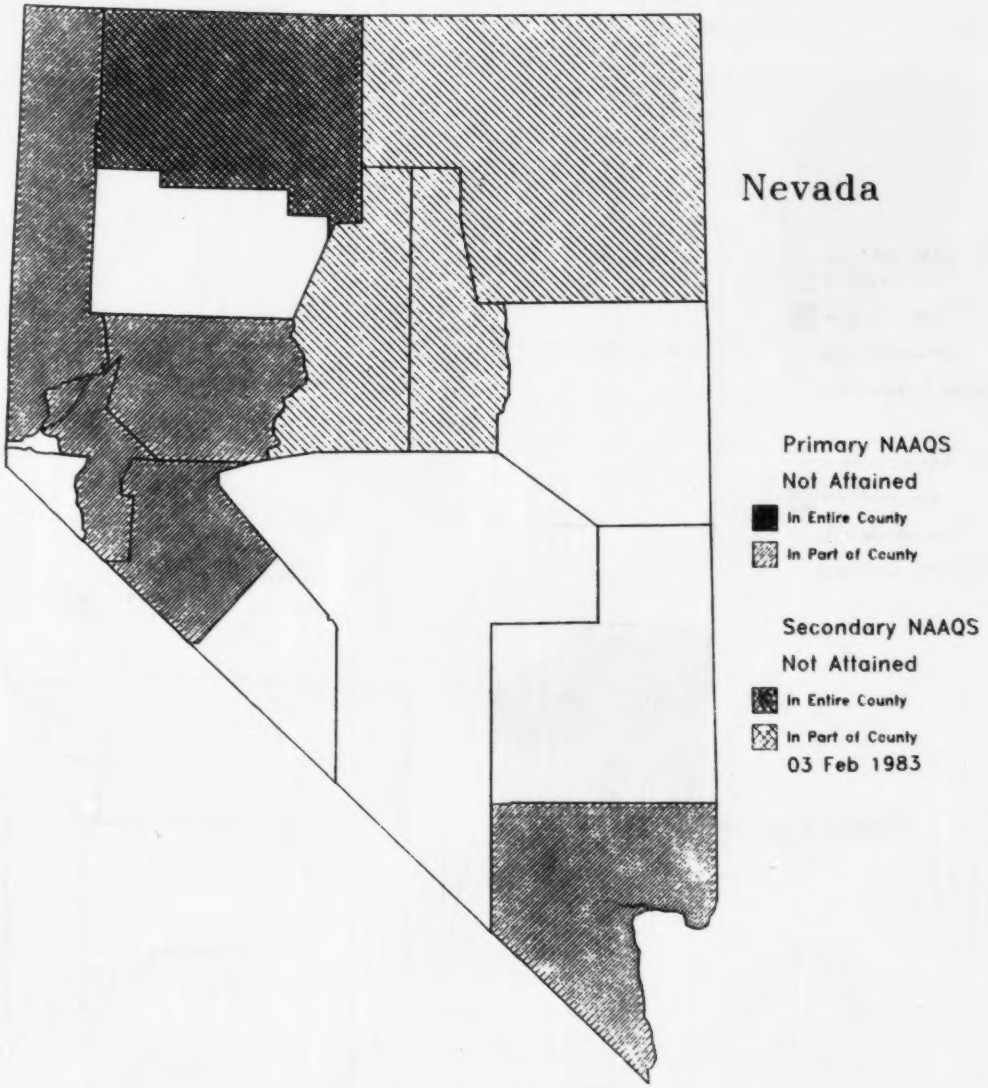
Lander
Nye
Humboldt
Pershing
Churchill
Esmeralda
Mineral
Lyon
Washoe
Douglas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Secondary NAAQS
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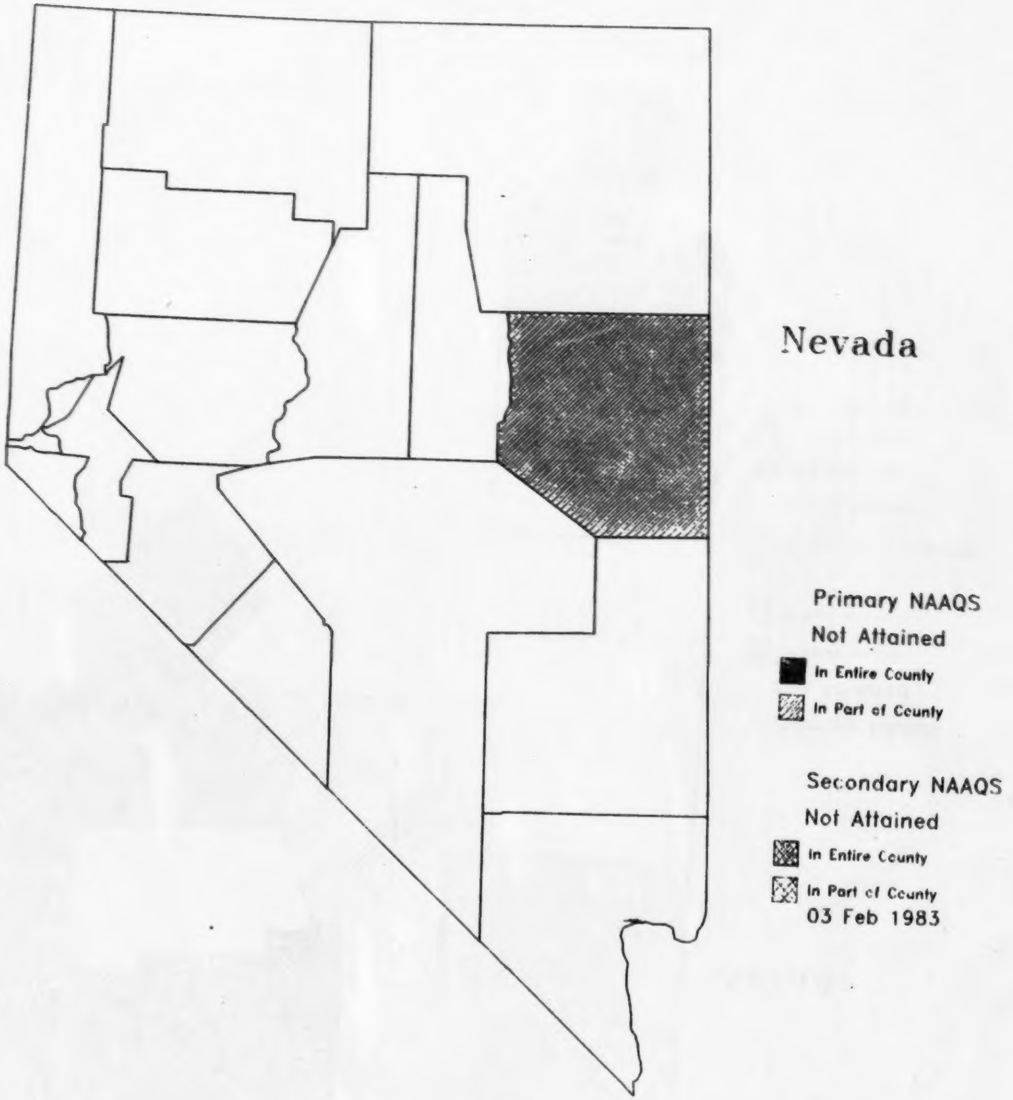
In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983


Nevada
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Secondary NAAQS
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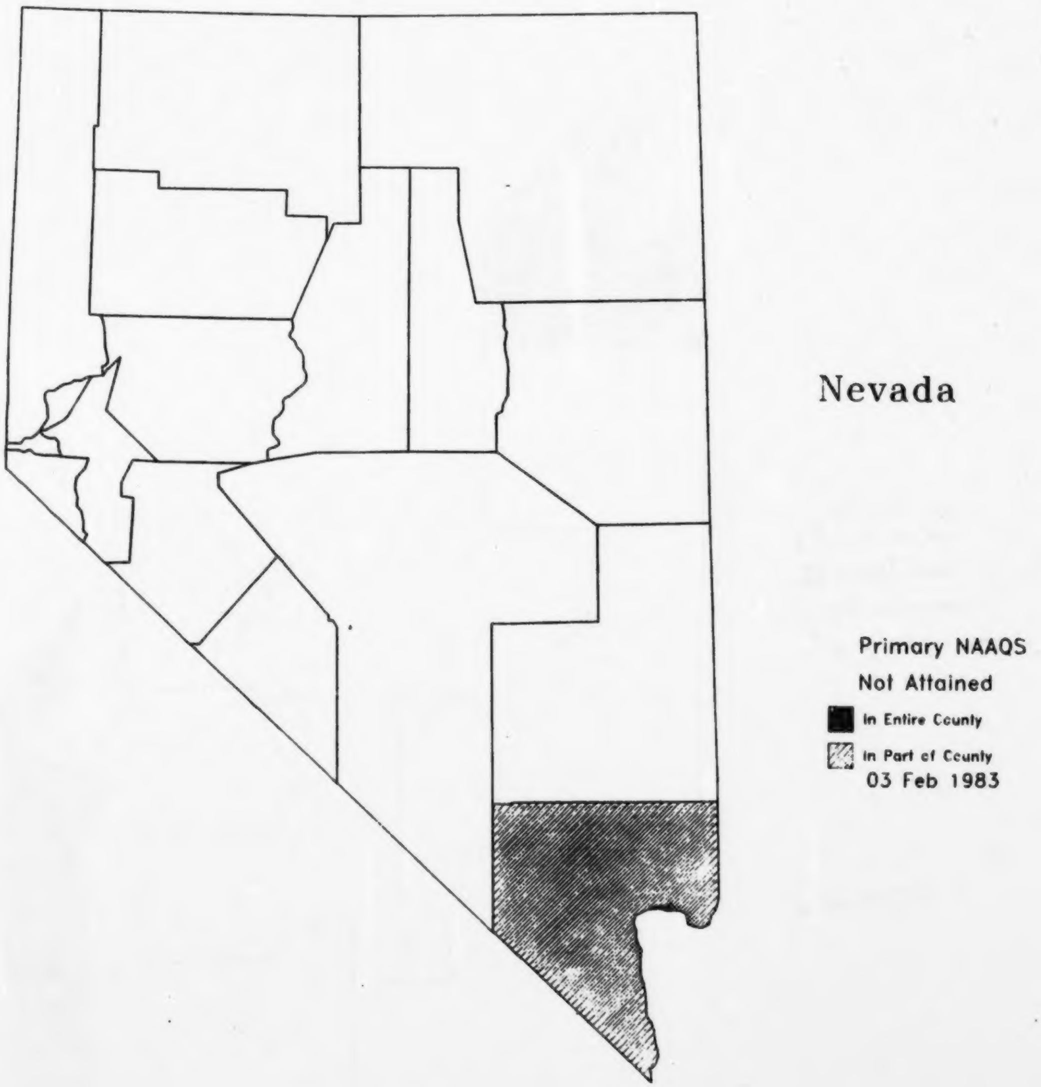
▩ In Entire County
▧ In Part of County
03 Feb 1983

Promulgated List of SO2 Non--Attaining Counties -- 1983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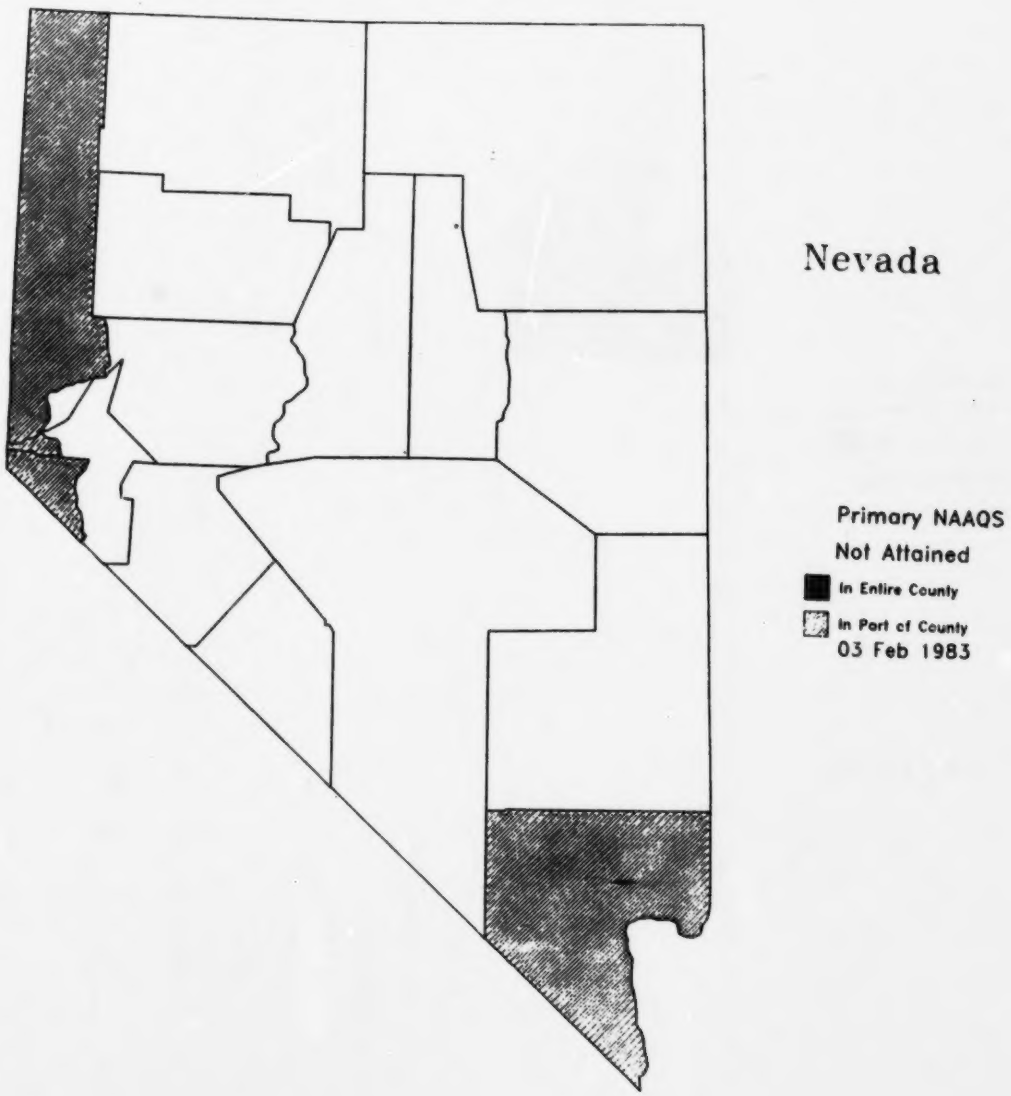
▨ In Part of County
03 Feb 1983

Promulgated List of O3 Non-Attaining Counties -- 1983


Nevada
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties - 1983

Region X

Alaska, Idaho, Oregon, Washington

Air Programs Branch
EPA Region X
1200 Sixth Avenue
Seattle, Washington 98101
(206) 442-1230
FTS: 399-1230

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR ALASKA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O3
Anchorage Ed	174,431					P		
Fairbanks Ed	53,963					P		

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR IDAHO

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O3
Ada Co	173,036					P		
Bannock Co	65,421	P						
Caribou Co	8,695	P						
Nez Perce Co	33,220	P						
Power Co	6,844	P						

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR OREGON

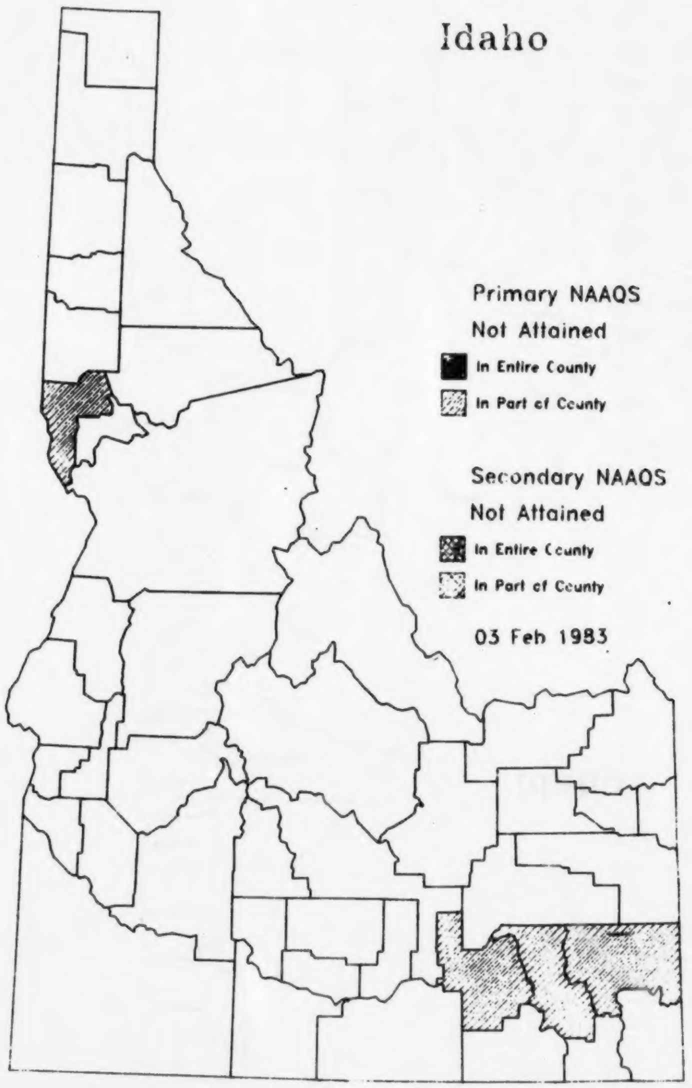
COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O3
Clackamas Co	241,911		P					P
Jackson Co	132,456	W				P		P
Lane Co	275,226		P			P		
Marion Co	204,692					P		P
Multnoman Co	562,640		P			P		P
Polk Co	45,203					P		P
Washington Co	245,860		P					P

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR WASHINGTON

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NOX	O3
Asotin Co	16,823	P						
Clallam Co	51,648		P					
Clark Co	192,227	P						P
Cowlitz Co	79,548		P					
King Co	1,269,749	P	P			P		P
Pierce Co	485,667	P				P		P
Snohomish Co	337,720							P
Spokane Co	341,835	P				P		
Yakima Co	172,508					P		

P = PART OF THE COUNTY W = THE WHOLE COUNTY

Idaho
Kilometers
0
50
100
Boundary
Bonner
Kootenai
Benewah
Shoshone
Latah
Clearwater
Nez Perce
Lewis
Idaho
Adams
Valley
Lemhi
Washington
Custer
Clark
Fremont
Payette
Gem
Boise
Jefferson
Madison
Teton
Butte
Canyon
Ada
Elmore
Camas
Blaine
Bonneville
Bingham
Gooding
Lincoln
Jerome
Minidoka
Power
Bannock
Caribou
Owyhee
Twin Falls
Cassia
Oneida
Franklin
Bear Lake


Idaho
Primary NAAQS
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In Part of County
Secondary NAAQS
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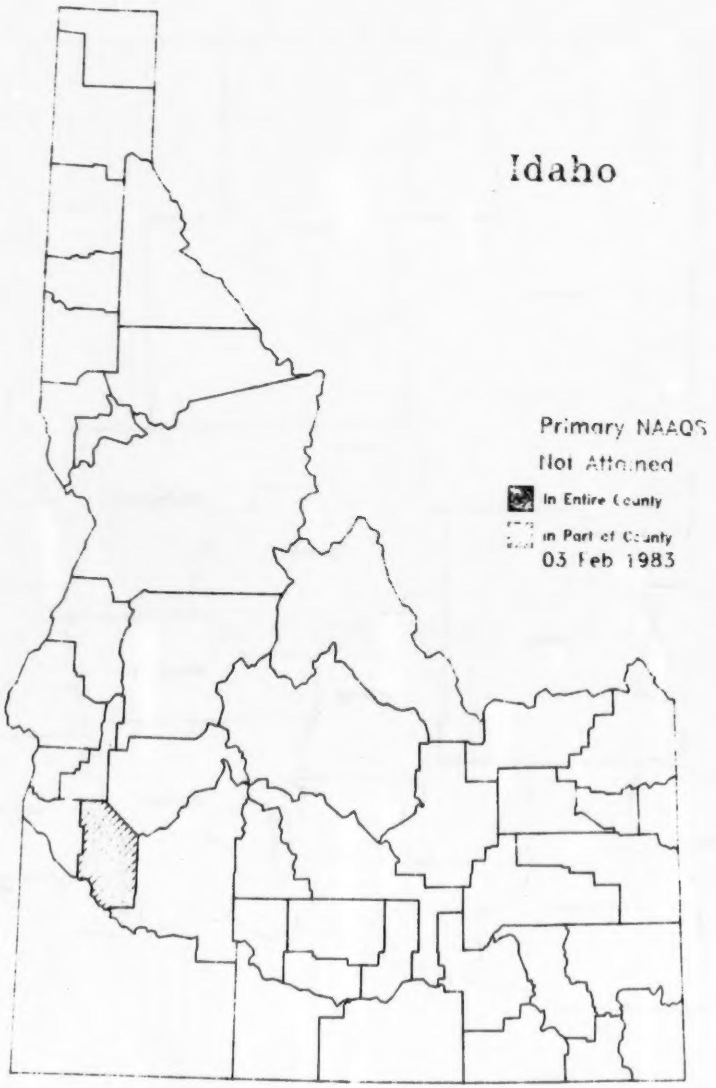
In Entire County
In Part of County
03 Feb 1983

Promulgated List of TSP Non--Attaining Counties -- 1983


Idaho
Primary NAAQS
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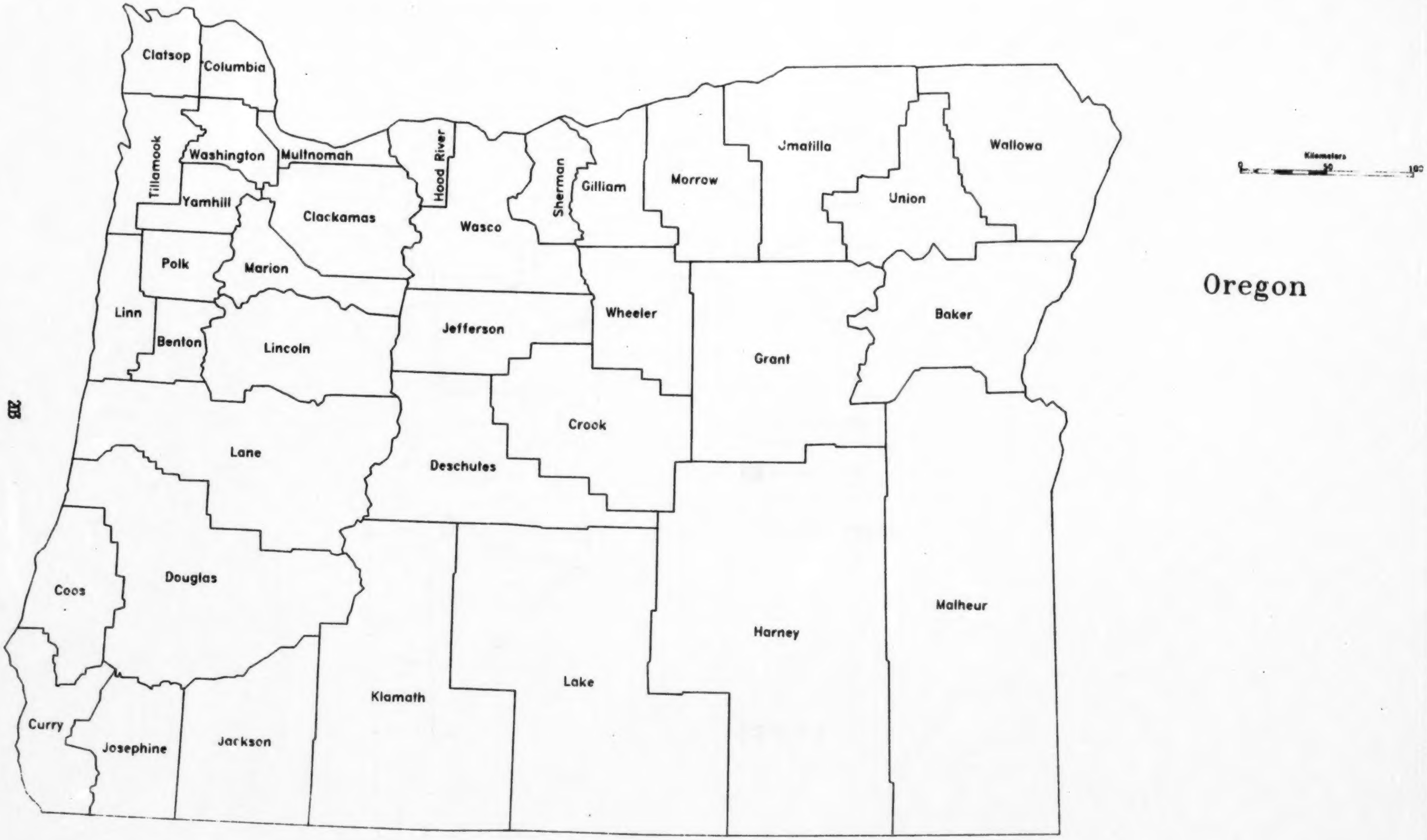
▩ In Entire County
▨ in Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983

Oregon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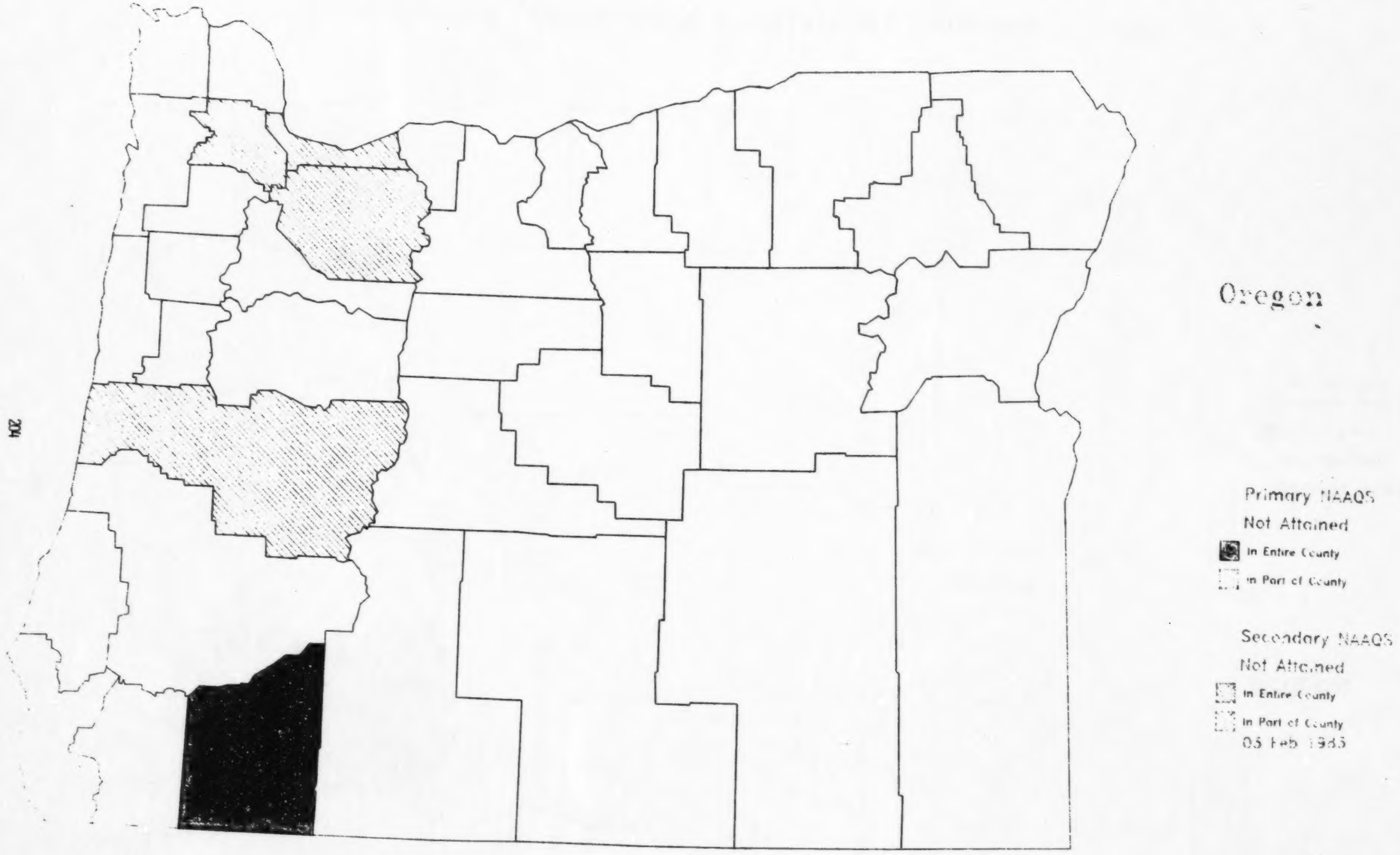
50
100
Clatsop
Columbia
Tillamook
Washington
Multnomah
Hood River
Wasco
Sherman
Gilliam
Morrow
Umatilla
Union
Wallowa
Yamhill
Clackamas
Polk
Marion
Linn
Benton
Lincoln
Jefferson
Wheeler
Grant
Baker
Crook
Lane
Deschutes
Coos
Douglas
Harney
Malheur
Curry
Josephine
Jackson
Klamath
Lake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■ In Entire County
▨ In Part of County
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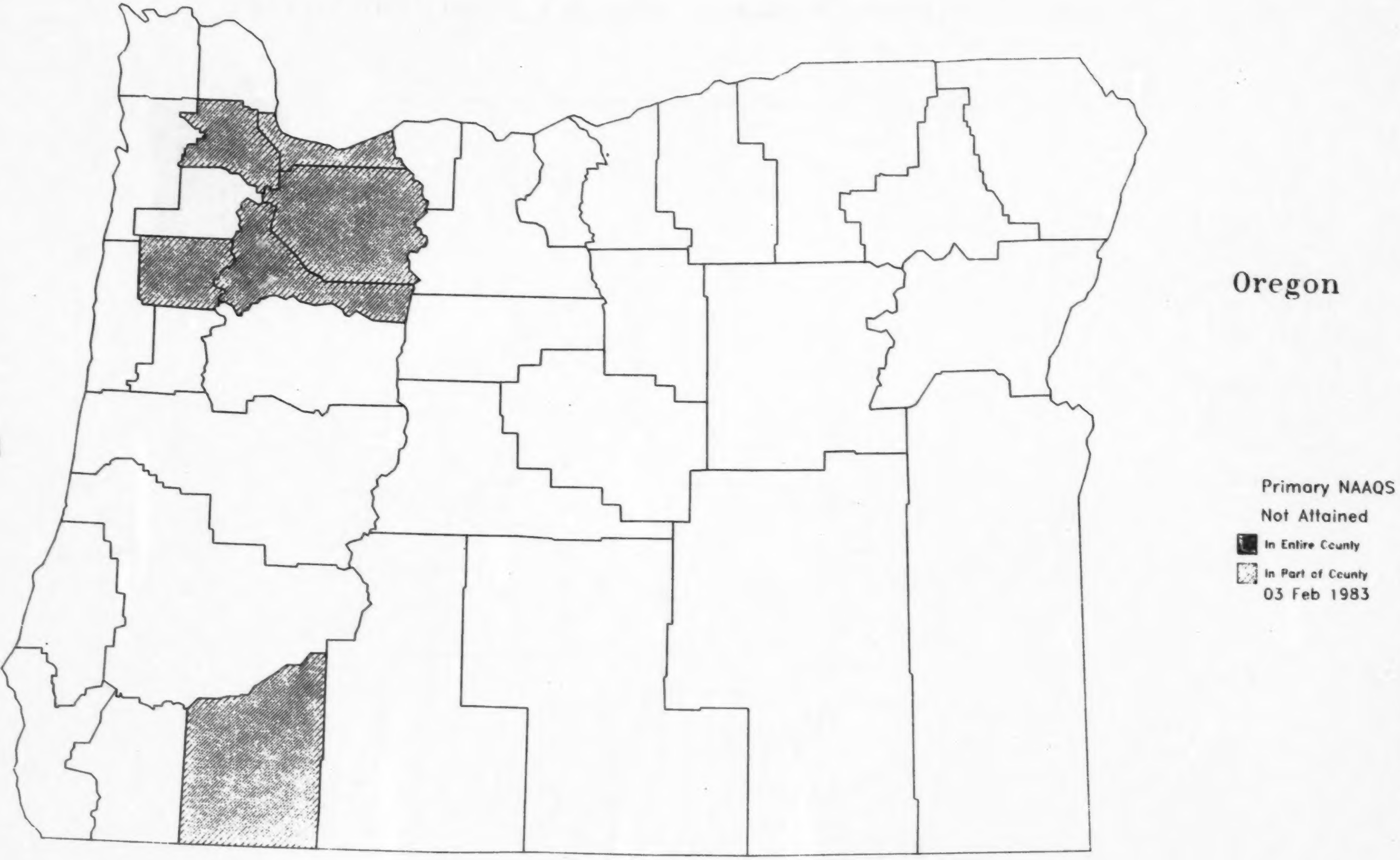
05 Feb 1983

Promulgated List of TSP Non-Attaining Counties -- 1983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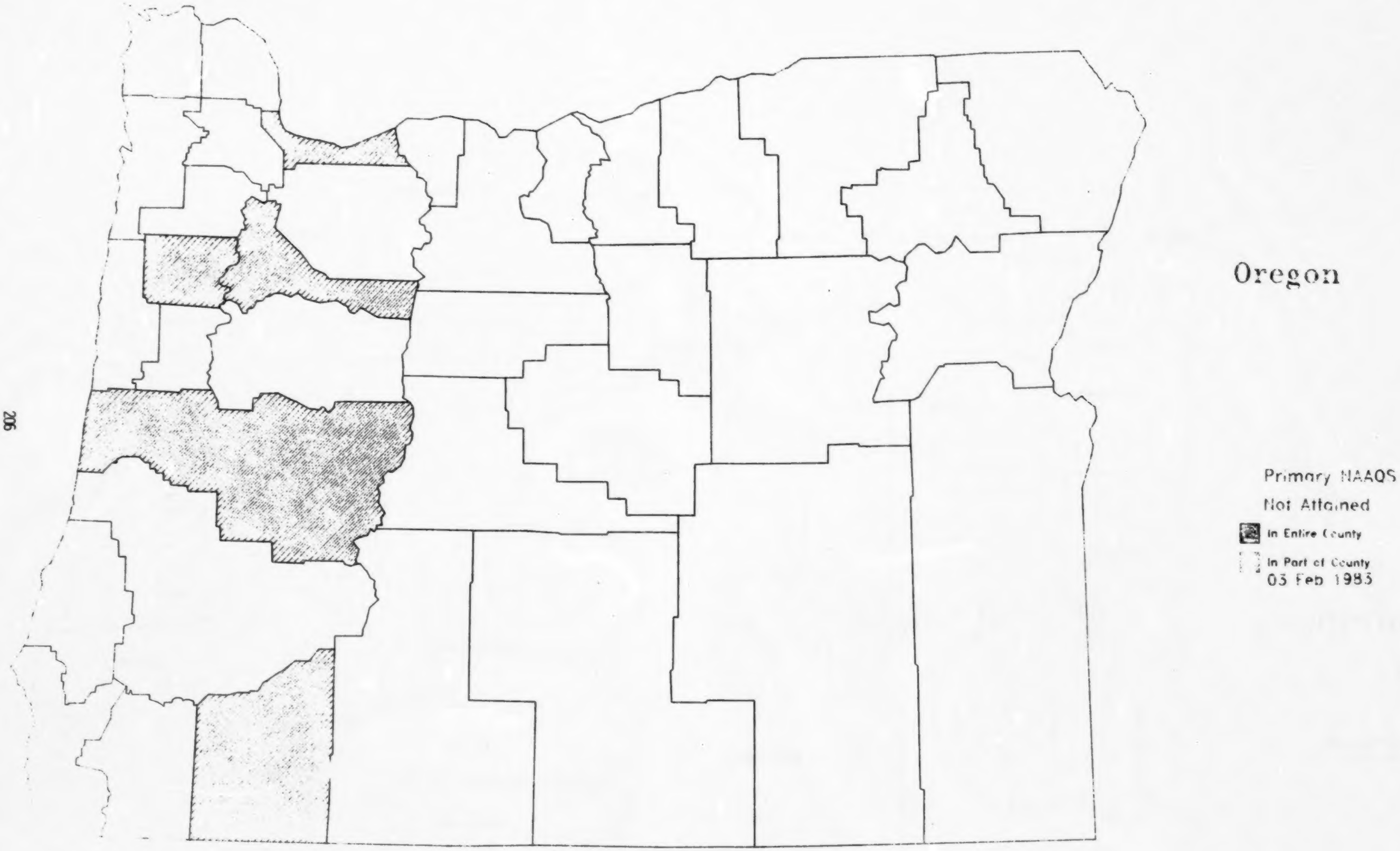
Promulgated List of 03 Non-Attaining Counties - 1983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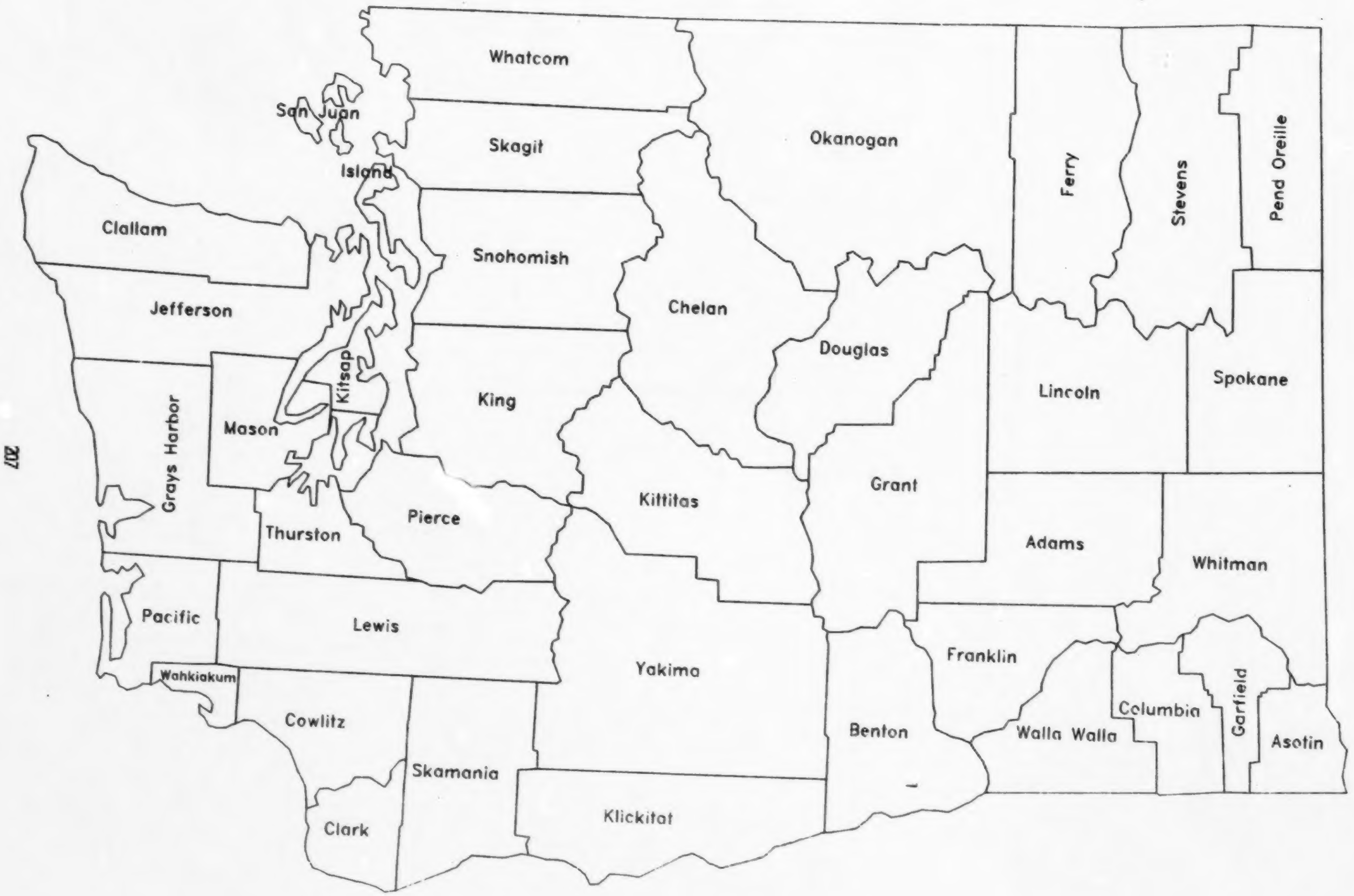
03 Feb 1983

Promulgated List of CO Non-Attaining Counties -- 1983

Washington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King
Lincoln
Spokane
Mason
Grays Harbor
Grant
Kittitas
Pierce
Thurston
Adams
Whitman
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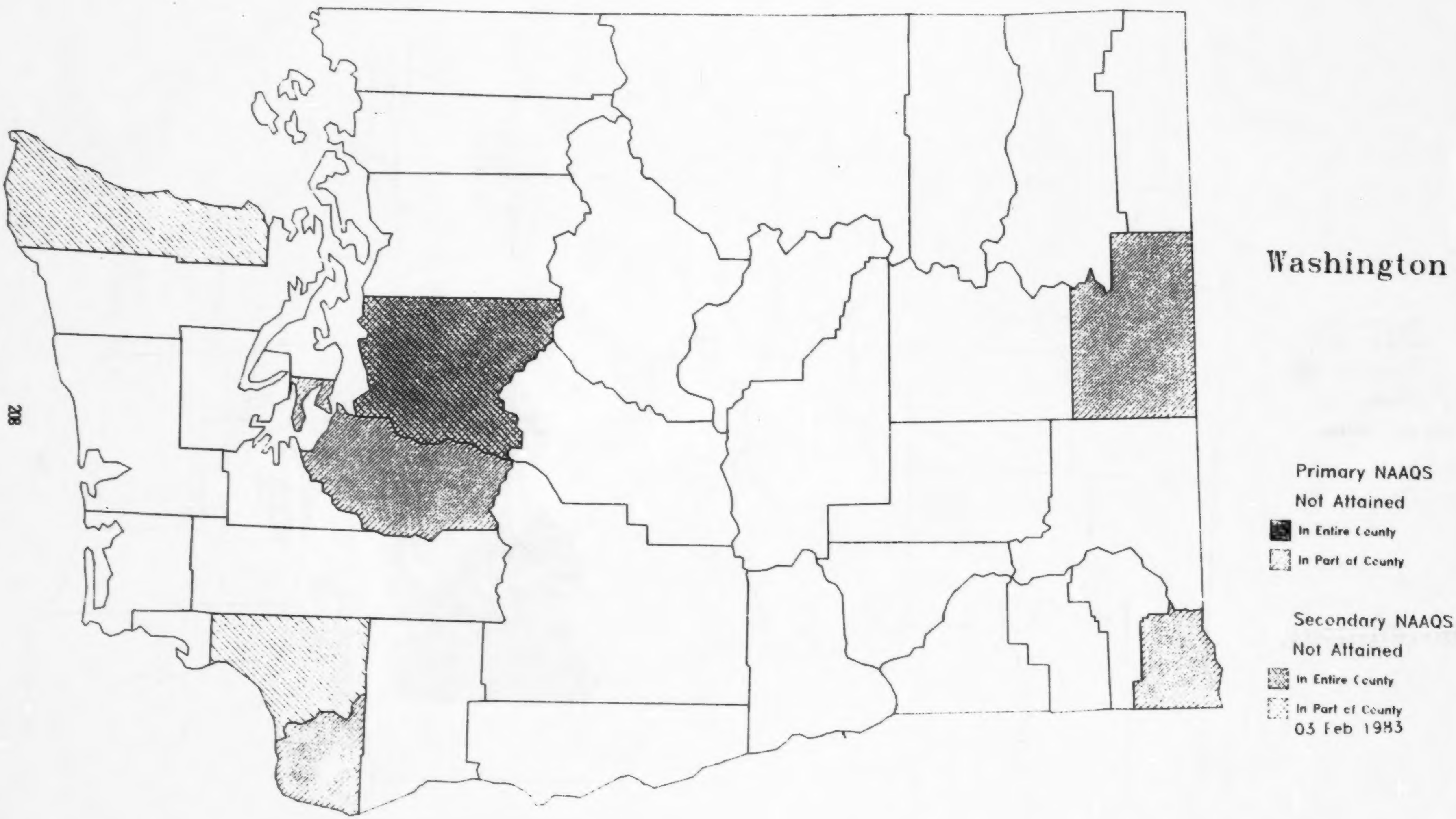
Clark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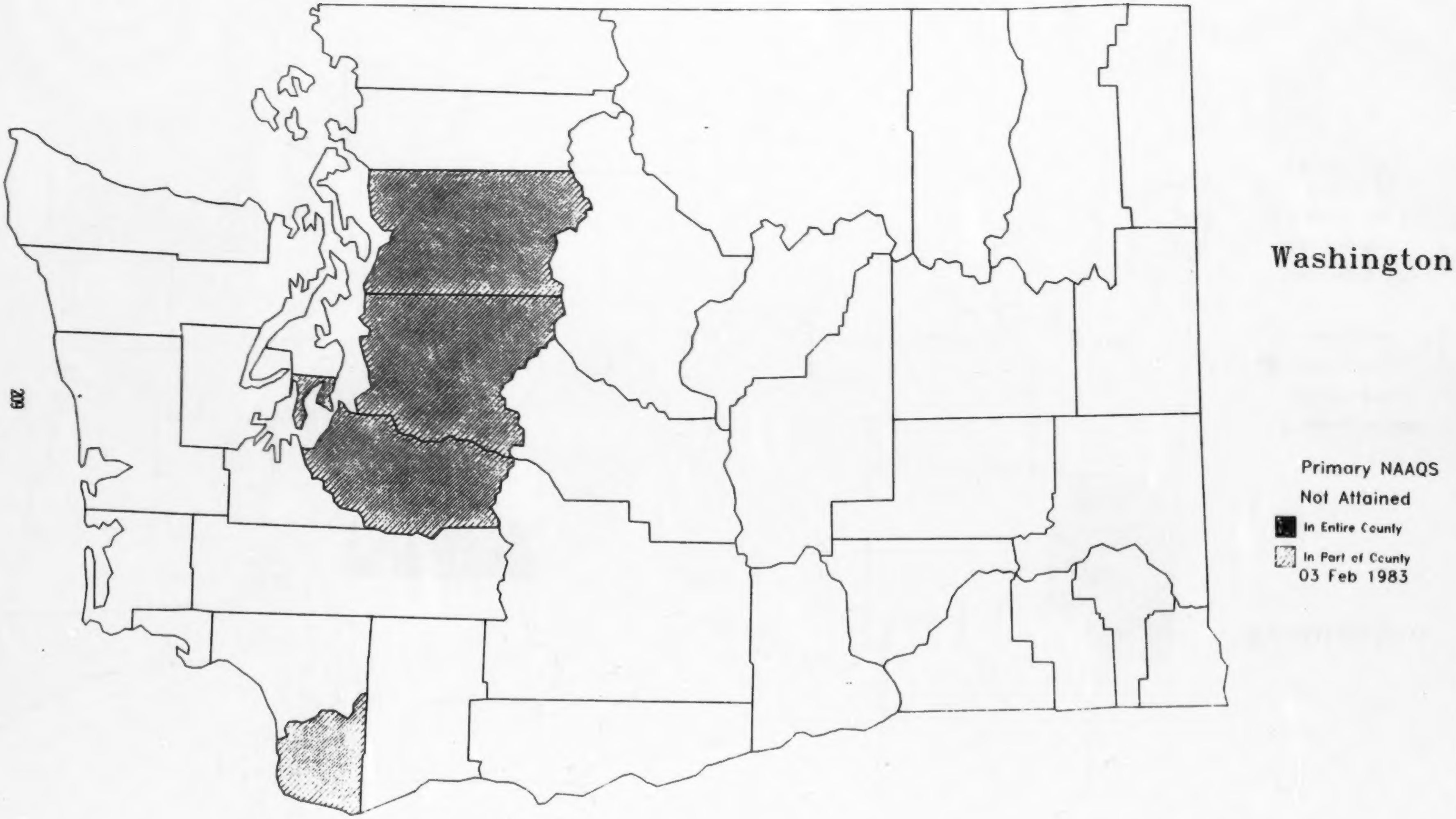
▨ In Part of County
03 Feb 1983

Promulgated List of TSP Non-Attaining Counties 1983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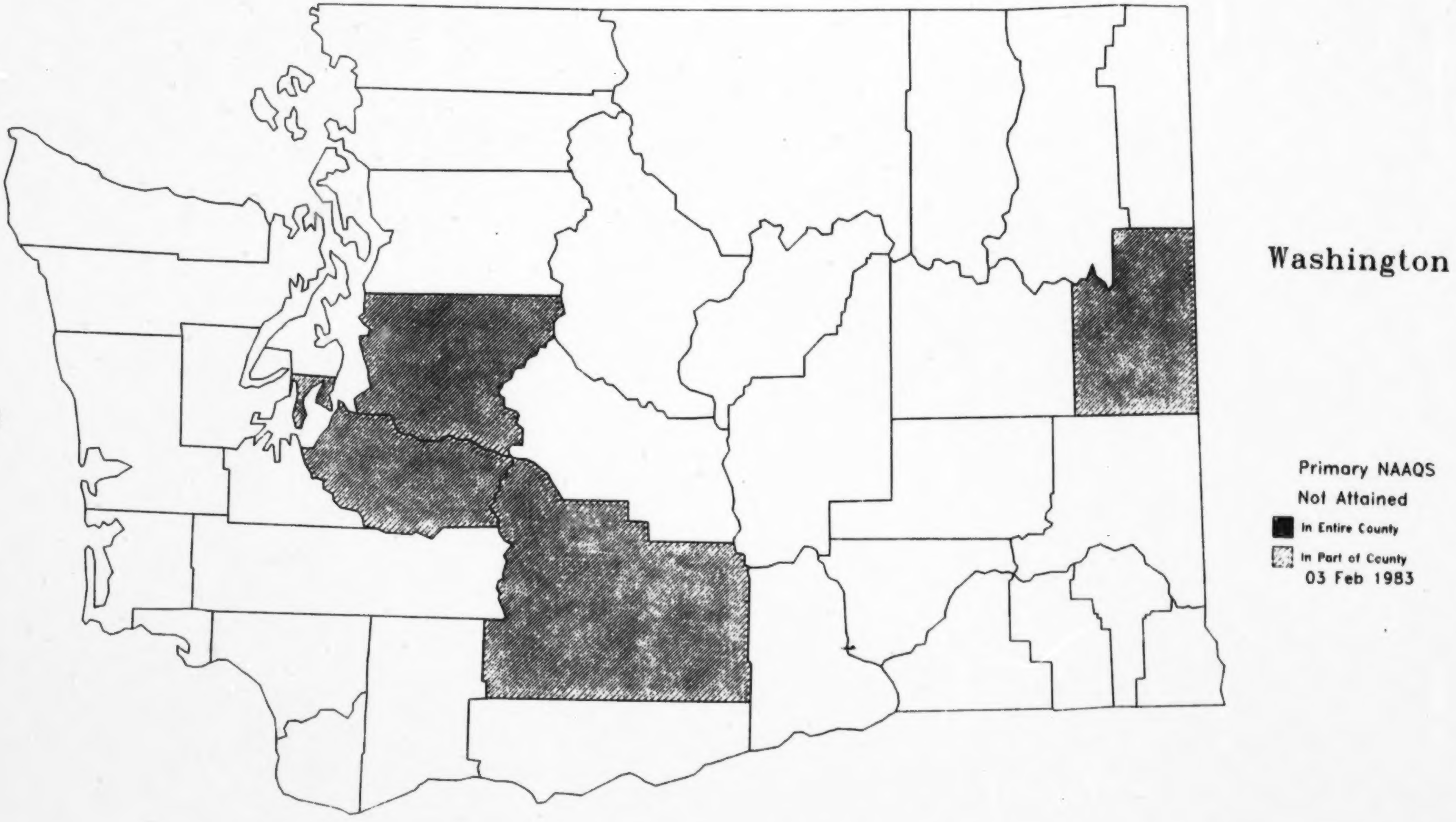
Promulgated List of O3 Non-Attaining Counties - 1983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▨ In Part of County
03 Feb 1983

Promulgated List of CO Non-Attaining Counties - 1983

APPENDIX

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 21 1983

OFFICE OF
AIR, NOISE, AND RADIATION

MEMORANDUM

SUBJECT: Section 107 Designation Policy Summary

Sheldon Meyers

FROM: Sheldon Meyers, Director
Office of Air Quality Planning and Standards (ANR-443)

TO: Director, Air and Waste Management Division
Regions II-IV, VI-VIII, X

Director, Air Management Division
Regions I, V, IX

On February 3, 1983, the Agency published a Federal Register notice regarding the status of all areas designated nonattainment under Part D of the Clean Air Act. This notice indicated that for a significant number of nonattainment areas States are anticipated to be able to demonstrate attainment of the primary national ambient air quality standards. Accordingly, for those areas, States have been encouraged to update their Section 107 designations. In addition, a number of nonattainment areas were identified in the February 3, 1983, notice as "unlikely to attain standards." The Federal Register also stated that the basic existing policy will generally be continued for redesignation. This memorandum summarizes and clarifies existing policy for reviewing designations and provides new guidance on processing these actions.

Policy For Reviewing 107 Designations

1. Data: In general, all available information relative to the attainment status of the area should be reviewed. These data should include the most recent eight (8) consecutive quarters of quality assured, representative ambient air quality data plus evidence of an implemented control strategy that EPA had fully approved. Supplemental information, including air quality modeling emissions data, etc., should be used to determine if the monitoring data accurately characterize the worst case air quality in the area. Also, the following items can be considered in special situations.

An attainment designation can be made using only the most recent four (4) quarters of ambient data if an acceptable state of the art modeling analysis (such as city-specific EKMA for ozone) is provided showing that the basic SIP strategy is sound and that actual, enforceable emission reductions are responsible for the recent air quality improvement.

For nonattainment designations which were originally based solely on modeling, redesignation to attainment is possible even if less than four (4) quarters of ambient data are available provided that a reference modeling analysis considering the sources' legal emission limits shows attainment of the standards. Information must also be presented showing that the sources causing the problem are in compliance with the enforceable SIP measures.

Although the current ozone standard implies the need for three years of data for attainment designations, two years of data with no exceedances is an acceptable surrogate. As discussed previously, this should be accompanied by evidence of an implemented control strategy that EPA had fully approved.

2. Projected Future Violations: Projections of future violations can provide the basis for continuing nonattainment designations. This concept is particularly important because of the current economic downturn. Information submitted to support attainment redesignations must adequately and accurately reflect anticipated operating rates. Areas should remain nonattainment where such projections reveal air quality violations.

3. Modeling: In most SO_2 cases, monitoring data alone will not be sufficient for areas dominated by point sources. A small number of ambient monitors usually is not representative of the air quality for the entire area. Dispersion modeling employing the legally enforceable SO_2 SIP limits will generally be necessary to evaluate comprehensively the sources' impacts as well as to identify the areas of highest concentrations. If either the modeling or monitoring indicates that SO_2 air quality standards are being violated, the area should remain nonattainment.

4. Boundaries: Current policies on appropriate boundaries for designation of nonattainment areas by EPA remain in effect, i.e., generally political boundaries such as city or county for TSP and SO_2, county as a minimum for rural ozone, entire urbanized area and fringe areas of development for urban ozone, and urban core area for CO. When States redesignate, EPA will continue to accept reasonable boundaries which are supported by appropriate data, such as specific new monitoring and/or modeling data or evidence of improvement due to control strategy implementation. Nonattainment areas for ozone should include the significant VOC sources.

5. Dispersion Techniques: Areas which are projected to attain the TSP or SO_2 standards because of the use of unauthorized dispersion techniques should continue to be designated as nonattainment.

Policy for Processing 107 Redesignations

1. SIP Review Actions: Section 107 designations have generally been classified as minor actions, with only a few of the more significant ones being processed as moderate. In the future, redesignations of Tier II nonattainment areas should be classified as major actions so that they can receive a comprehensive review to help ensure regional consistency. Redesignation of Tier I nonattainment areas should continue to be handled as minor or moderate actions, as appropriate.

2. "Unclassifiable" Areas: Since EPA and the States have had nearly five years to resolve discrepancies for nonattainment designations, it is now inappropriate to redesignate any area from nonattainment to unclassifiable. There has been ample time since the first designations were made in 1978 to thoroughly study each nonattainment area. Sufficient data should now exist to either make a redesignation to attainment or to keep the nonattainment designation.

If you have any questions, please contact Tom Helms at (FTS) 629-5526.

cc: Regional Administrator, Regions I-X
Chief, Air Programs Branch, Regions I-X